ipd INDUSTRIAL PRODUCTS

ELCAD
User Manual

version 5.2.0

CAD ELSTEEL SYSTEM

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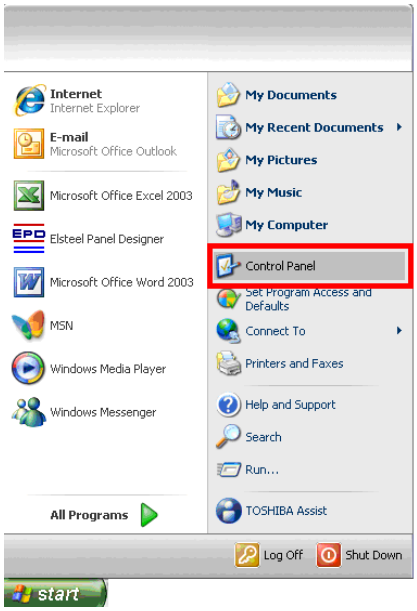
1 Installing the ELCAD Software

Are you an existing user or a new user?

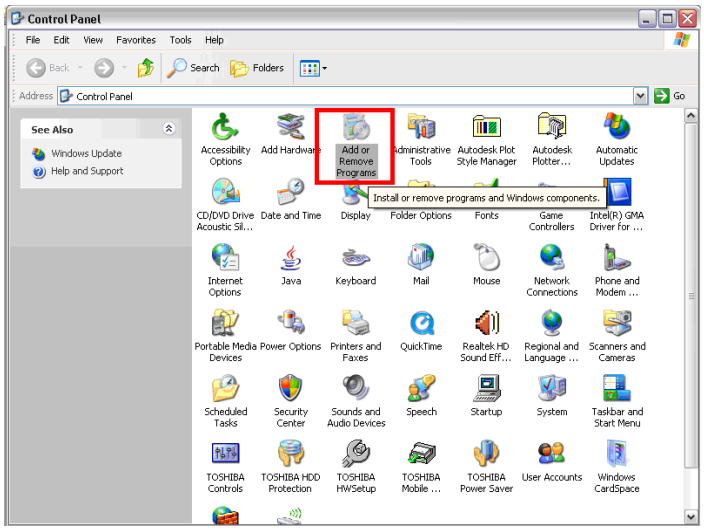
1.1 Existing users - first uninstall the previous version of ELCAD from your PC. N**ew users**, please ignore these steps

To uninstall -

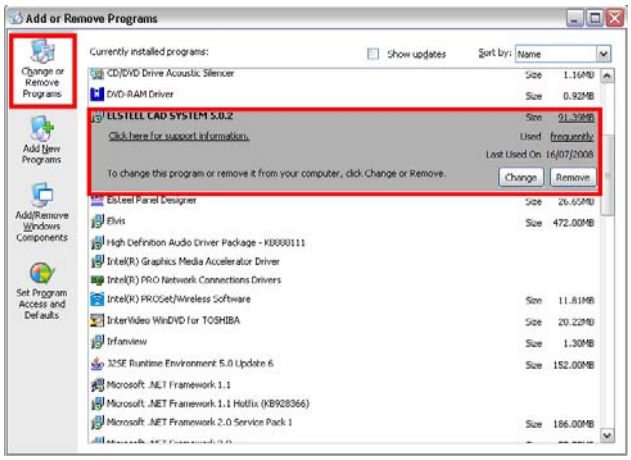
1. Go to the windows control panel.



2. Select **Add/Remove Programs.**



3. Select **Change/Remove** program and select **EL CAD SYSTEM**.


Add or Remove Programs
Currently installed programs:
Show updates
Sort by: Name
Change or Remove Programs
Add New Programs
Add/Remove Windows Components
Set Program Access and Defaults
CD/DVD Drive Acoustic Silencer
DVD-RAM Driver
ELSTEEL CAD SYSTEM 5.0.2
Click here for support information.
To change this program or remove it from your computer, click Change or Remove.
Change
Remove
ElSteel Panel Designer
Elvis
High Definition Audio Driver Package - KB888111
Intel(R) Graphics Media Accelerator Driver
Intel(R) PRO Network Connections Drivers
Intel(R) PROSet/Wireless Software
InterVideo WinDVD for TOSHIBA
Irfanview
J2SE Runtime Environment 5.0 Update 6
Microsoft .NET Framework 1.1
Microsoft .NET Framework 1.1 Hotfix (KB928366)
Microsoft .NET Framework 2.0 Service Pack 1

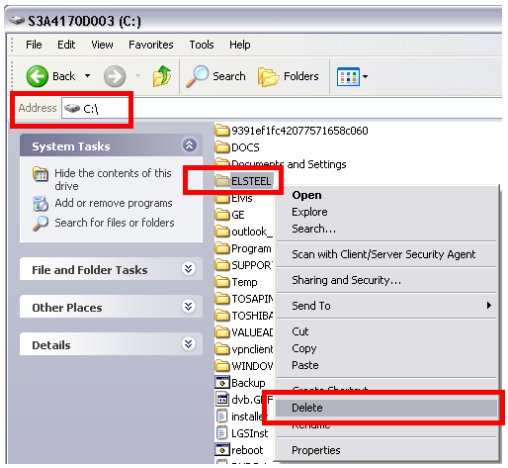
4. Click on **Remove** button

ELSTEEL CAD SYSTEM 5.0.2
Size 91.39MB
Click here for support information.
Used frequently
Last Used On 16/07/2008
To change this program or remove it from your computer, click Change or Remove.
Change
Remove

5. After uninstalling close all applications and return to desktop.

6. Select windows explorer and select drive C:\

7. Check if the **ELSTEEL** folder still exists. If it exists delete it manually



1.2 Installing the ELCAD SYSTEM

1. Insert the CD in CD ROM drive

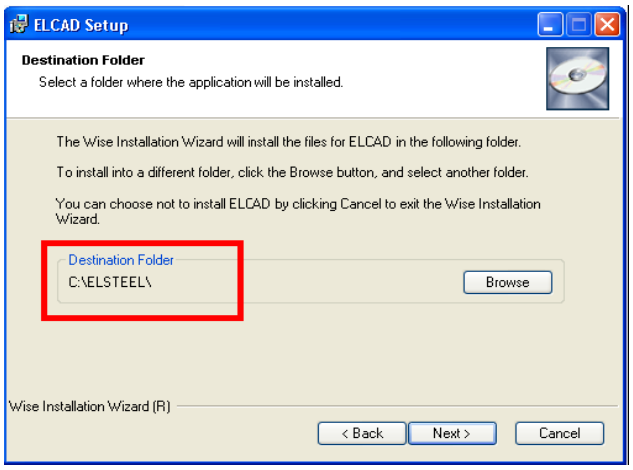
2. The installation process should start automatically

- If the software has been downloaded off the web, please save it to your computer, and then double click to start the installation process

4. Follow the Windows prompts

5. Do not select folders other than **C:\ELSTEEL** and click next.

Note: Please select the relevant AutoCAD version when you install.

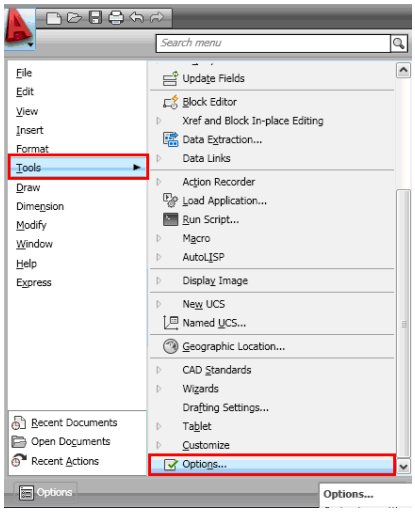

ELCAD Setup
Destination Folder
Select a folder where the application will be installed.
The Wise Installation Wizard will install the files for ELCAD in the following folder.
To install into a different folder, click the Browse button, and select another folder.
You can choose not to install ELCAD by clicking Cancel to exit the Wise Installation Wizard.
Destination Folder
C:\ELSTEEL\
Browse
Wise Installation Wizard (R)
< Back
Next >
Cancel

1.3 Loading the ELSTEEL Tool Bar

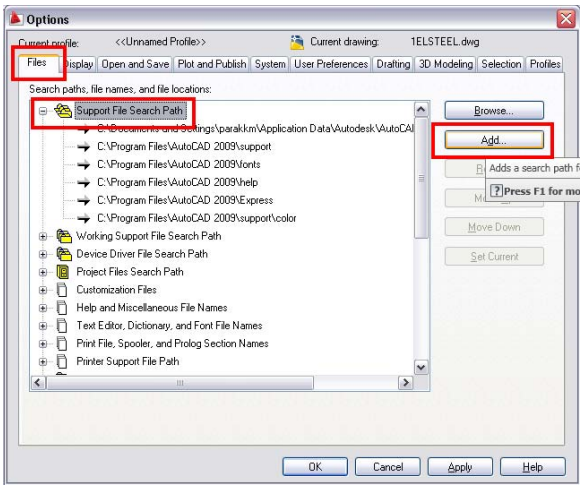
Note: in some systems, the tool bar loads automatically

When you finish with the ELCAD installation, run AUTOCAD.

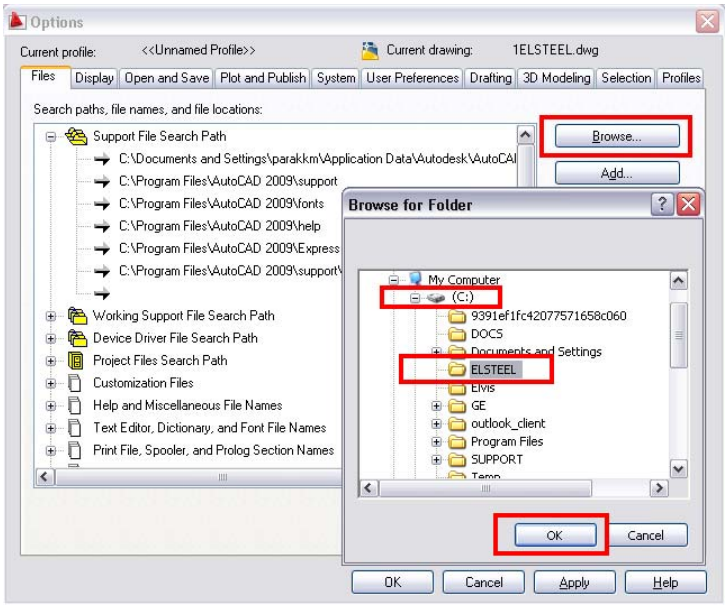
1. Select on menu bar and go TOOL => OPTION or type OP or OPTIONS command.



2. Select **“File”**, **“support file search path”** and then click on **“Add”**



3. Click on **“Browse”** and browse on C:\ELSTEEL or you can type C:\ELSTEEL instead of Browse. Then click **“OK”**.



4. Click “Apply”, click “OK” and then exit from AutoCAD

1.4 For AutoCAD 2000 / AutoCAD 2002 / AutoCAD 2004 / AutoCAD 2005

Run AutoCAD

1. Select **TOOLS => CUSTOMIZE => MENUS** or type **"MENULOAD"** command in command line

2. Click the **"Browse"** command button. And go to the C:\ELSTEEL.

3. Select **"ELSTEEL.MNS"** File in "ELSTEEL" Directory and open.

4. Click on **"Load"** command button.

5. Click on **"Close"**.

The ELCAD 5.2.0 Toolbar should now be up on your AutoCAD screen.

If the ELCAD tool bar is not seen:

1. Select **VIEW =>TOOLBARS**.

2. Click **ELSTEEL** in menu group

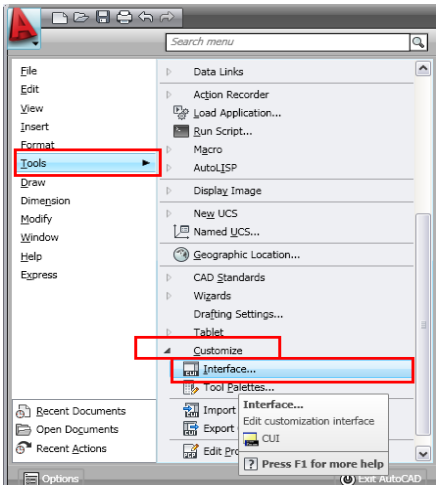
3. Select **ELCAD** in the toolbars

This should bring up the ELCAD 5.2.0 Toolbar on the AutoCAD screen.

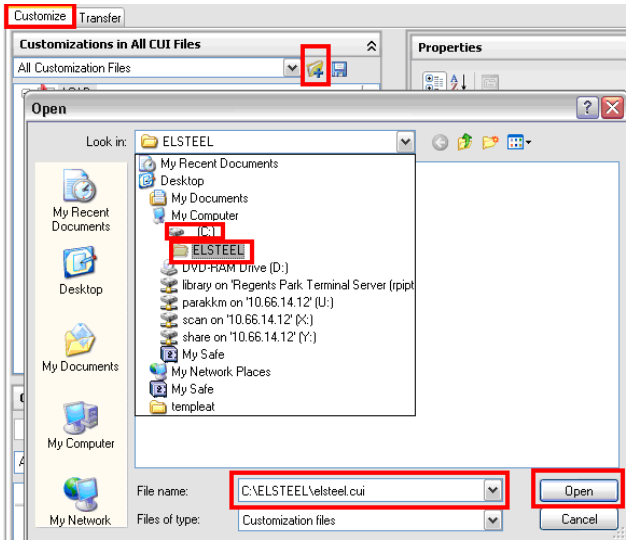
1.5 For AutoCAD 2006 / AutoCAD 2007/ AutoCAD 2008 /AutoCAD 2009.

Run AutoCAD.

1. Go to **Tools => Customize => Interface**



2. Click on **"Load Partial Customization File"** icon and then open **"elsteel.cui"** file in C:\ELSTEEL.



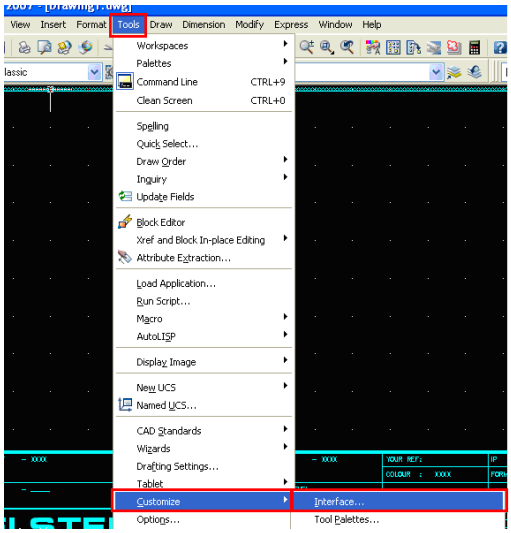
4. Click on **"Apply"** button.

5. Click on **"OK"** to exit.

If the ELCAD tool bar is still not seen,

1. Open ACAD

2. Select **Tools => Customize => Interface**



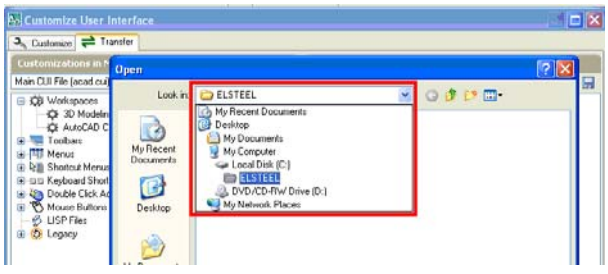
3. Select **"Transfer"** Tab

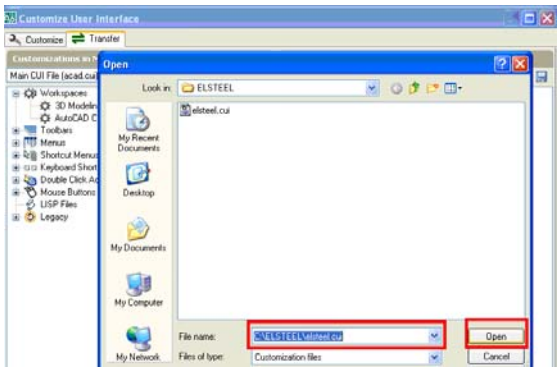
4. Select **"Customizations in New CUI File"** (right hand side pane)

5. Click the second icon (open)

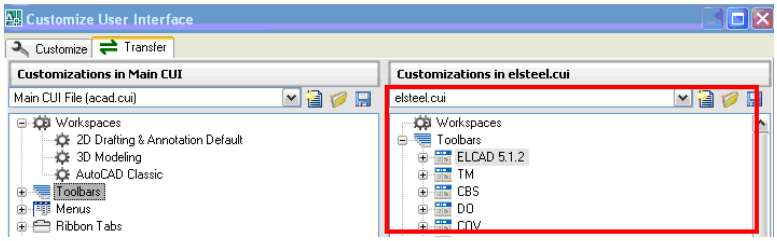
6. Open C:\ELSTEEL folder

7. Select **elsteel.cui** file (Open)

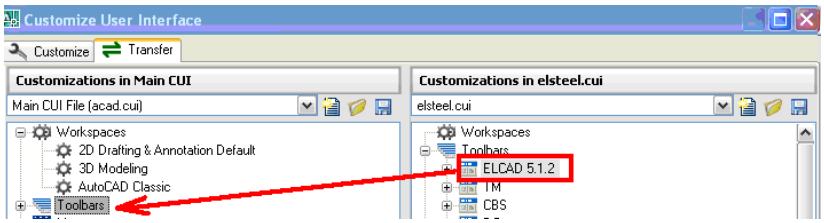




8. Elsteel Toolbar will appear under Toolbars

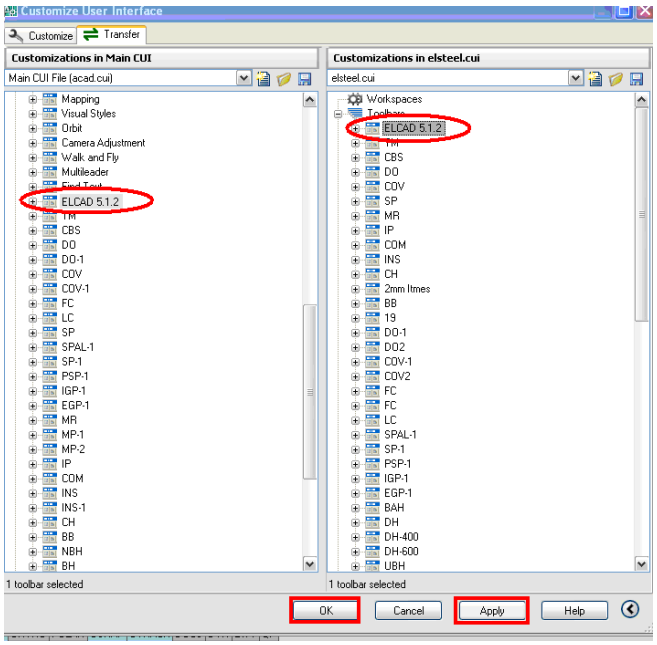


9. Move Elsteel Toolbar (only Elsteel Cad System) from right hand side on to left hand side toolbars of the pane (Customization in Main CUI)



10. Click **"Apply"**

11. Click **"OK"**

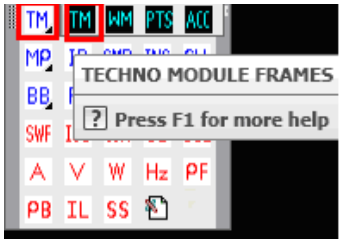


II How to select Elsteel TECHNO parts

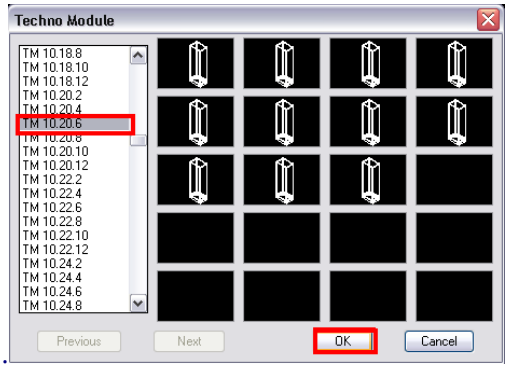
1. TECHNO MODULE FRAMES

Complete TECHNO frames blocks (sizes from **400X1600X200 mm up to 2400X2400X1200 mm)** are available in this section. Blocks include – Plinths, Plinth Corners, Corners and Corner Bars

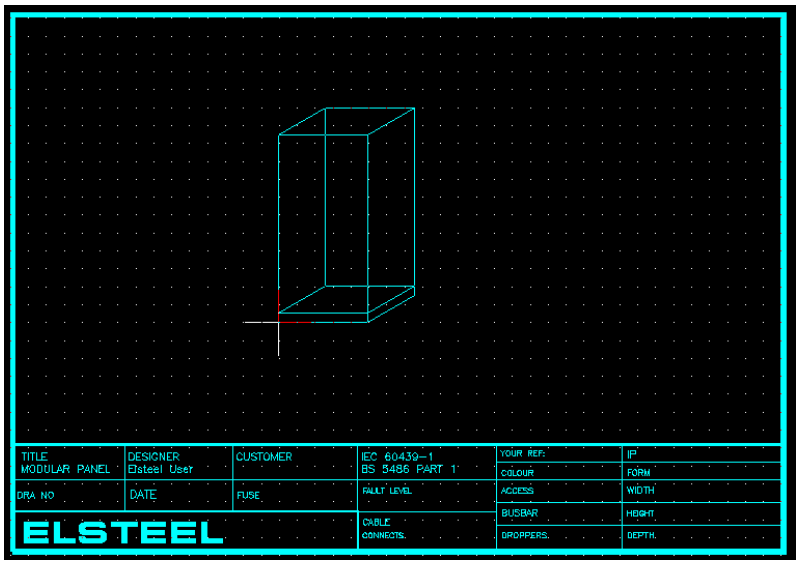
1.1 Select “TM” => “TM”



- Select a Techno Module frame size with base frame (from 400X1600X200 mm up to 2400X2400X1200 mm). Click on “OK”



- Place the techno module frame on the drawing sheet.

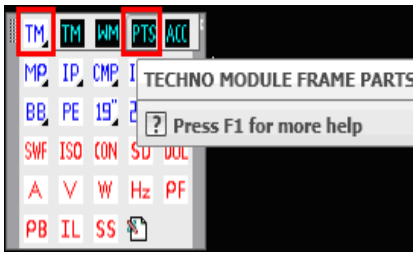


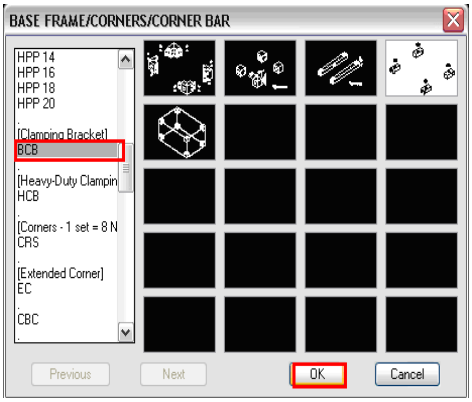
1.2 WALL MOUNTING TECHNO MODULE - These are not available as stock products in Australia.

1.3 TECHNO MODULE FRAME PARTS - Select “TM” => “PTS”

Includes -

- PLINTH CORNERS (BASE CORNERS)
- HEAVY DUTY PLINTH CORNERS
- PLINTH PROFILE
- HEAVY DUTY PLINTH PROFILE
- SUPPORT CLAMPING BRACKETS
- CORNERS
- EXTENDED CORNERS
- EXTENDED CROSS BAR CORNERS
- CORNER BARS
- SS CORNER BARS
- ACB SUPPORT CHANNELS

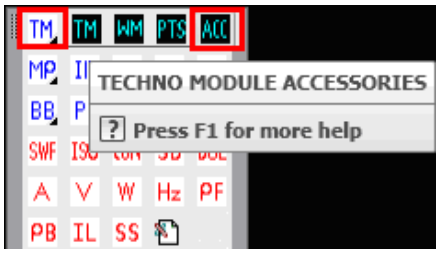


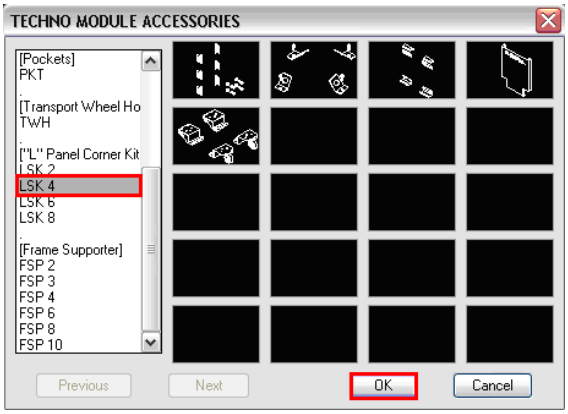


1.4 TECHNO MODULE ACCESSORIES - Select “TM” => “ACC”

Includes -

- BRS 50
- PANEL ASSEMBLY KIT
- LIFTING EYES
- WALL MOUNTING BRACKET
- DRAWING POCKET
- TRANSPORT WHEEL HOLDER
- “L” PANEL CORNER KIT
- FRAME SUPPORTER

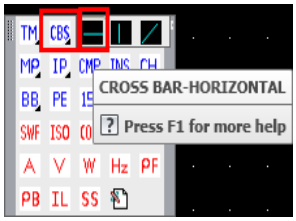


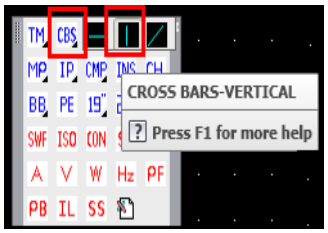


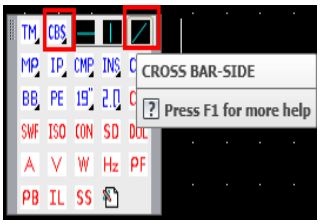
2 CROSS BARS

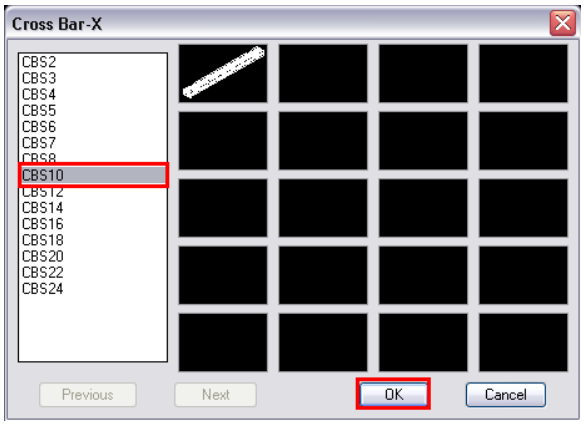
Select “CBS”

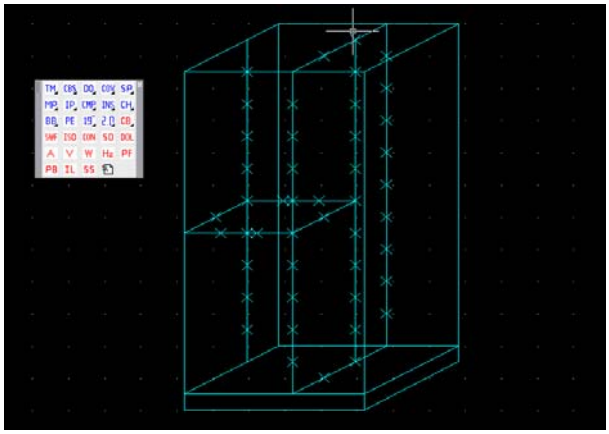
- HORIZONTAL CROSS BARS
- VERTICAL CROSS BARS
- SIDE CROSS BARS











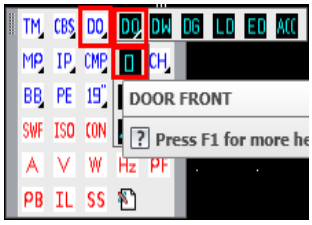
Note: Horizontal / x axis - cross bars for width.
Vertical / y axis - cross bars for height
Side / z axis - cross bars for depth

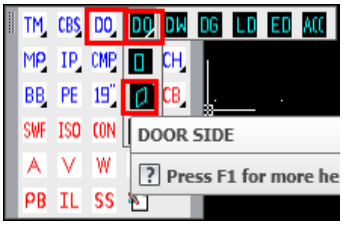
3. DOORS

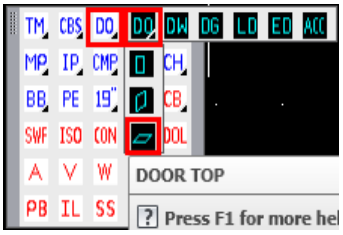
3.1 Select “DO” => “DO”

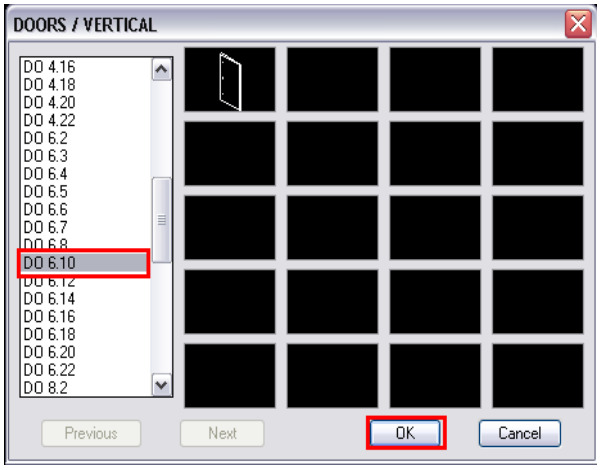
Note – Standard doors 1.5mm thick are available in this section

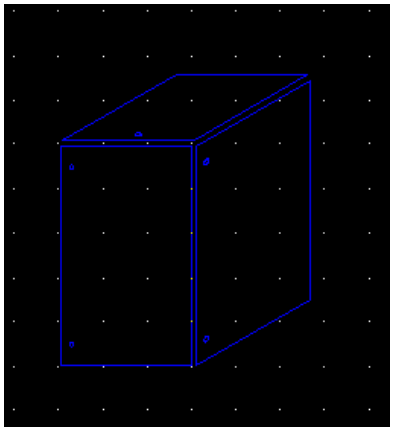
- DOOR - FRONT/BACK
- DOOR - SIDE
- DOOR - TOP



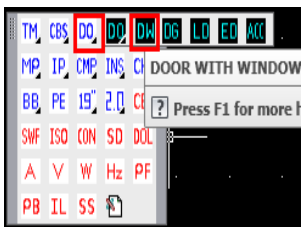


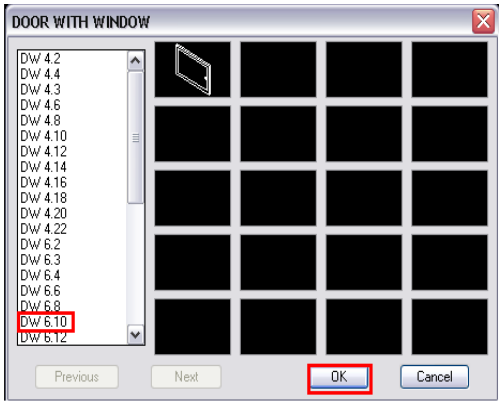


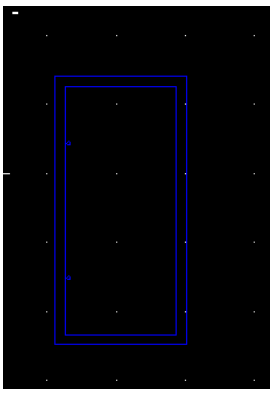




3.2 DOOR WITH WINDOW (WINDOW DOOR) - Select “DO” => “DW”

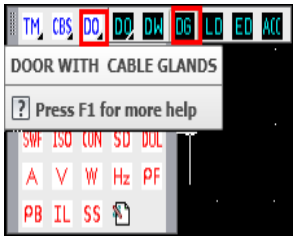


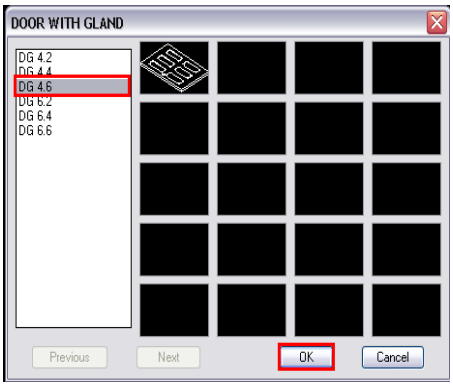


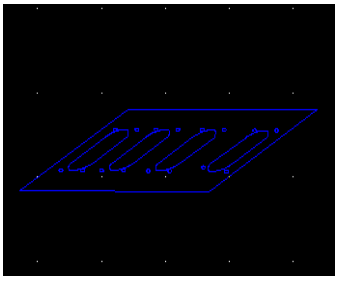


3.3 DOORS WITH GLAND PLATES - Select "DO" => "DG"

Note – These are shown for TOP installation only (not available ex-stock)





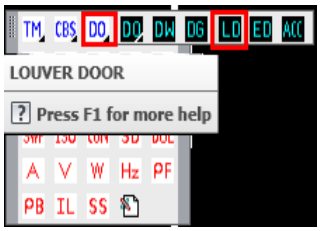


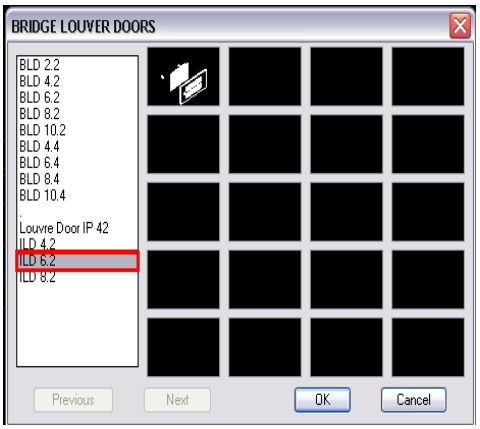
3.4 LOUVRE DOORS – Select "DO" => "LD"

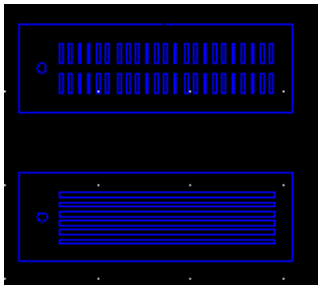
Note – These are shown for FRONT installation only

Includes -

- BRIDGE LOUVRE DOOR (not available ex-stock)
- IP42 LOUVRE DOOR

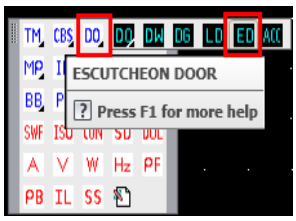


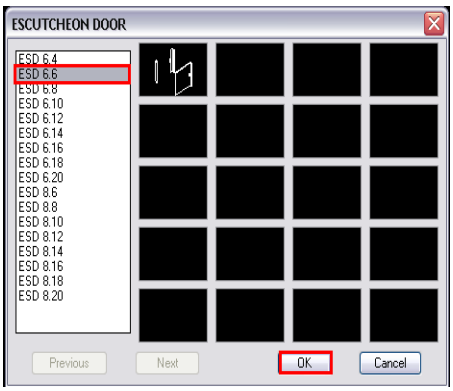


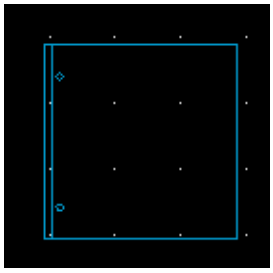


3.5 ESCUTCHEON DOORS - Select "DO" => "ED"

Note – These are shown for FRONT installation only



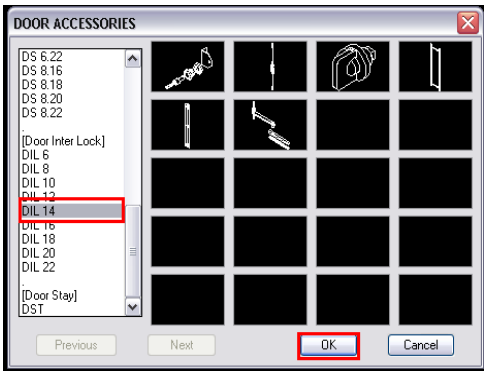


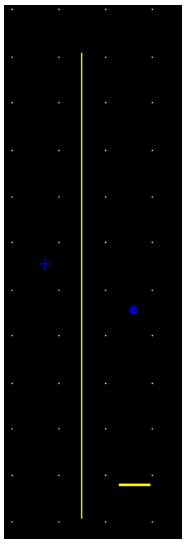


3.6 DOOR ACCESSORIES - Select “DO” => “ACC”

Includes -

- DOOR SCREW SYSTEM
- HANDLE LOCK
- KNOB LOCK
- T HANDLE LOCK (NON LOCKING, KEYED ALIKE, KEYED DIFFERENT)
- DOOR STABILIZER
- DOOR INTER LOCK
- DOOR STAY (TOP, BOTTOM)
- STEEL LOCK
- KEY LOCK
- KEY LOCK FOR HANDLE CLOSING SYSTEM



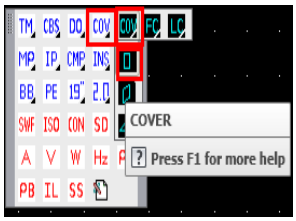


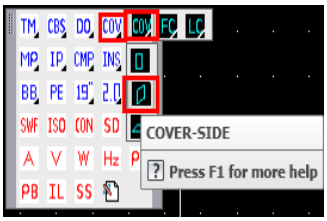
4. COVERS

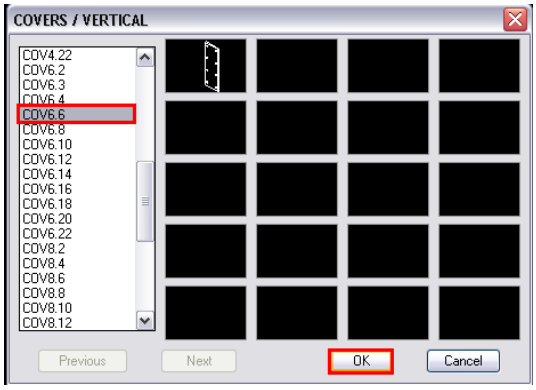
Note – Standard covers 1.5mm thick are available in this section

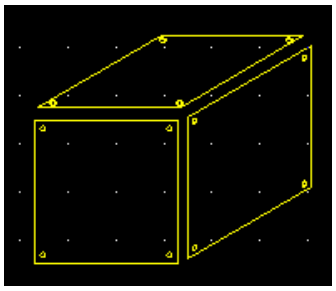
4.1 COVERS - Select “COV” => “COV”

- COVER - FRONT/BACK
- COVER - SIDE
- COVER - TOP



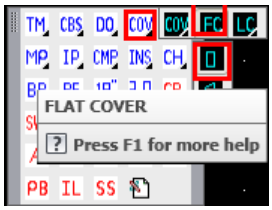


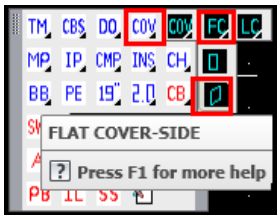


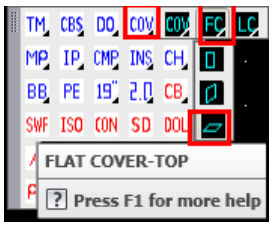


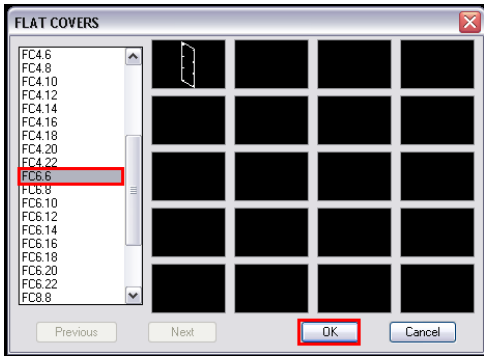
4.2 FLAT COVERS - Select “COV” => “FC”

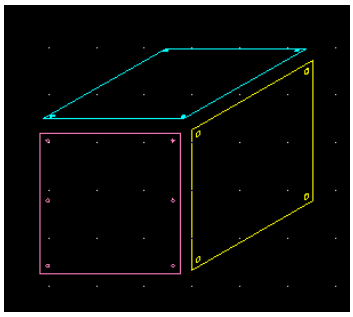
- FLAT COVER - FRONT/BACK
- FLAT COVER - SIDE
- FLAT COVER - TOP









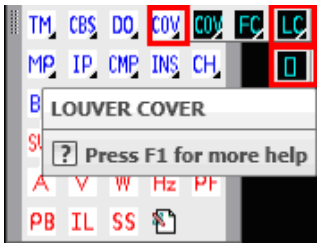


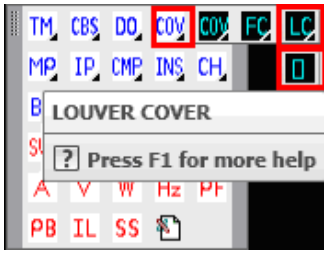
4.3 LOUVRE COVERS – Select “COV” => “LC”

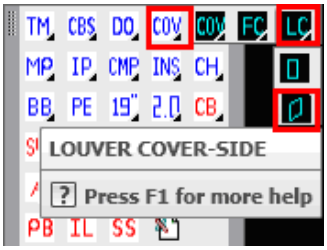
- LOUVRE COVER - FRONT/BACK
- LOUVRE COVER - SIDE

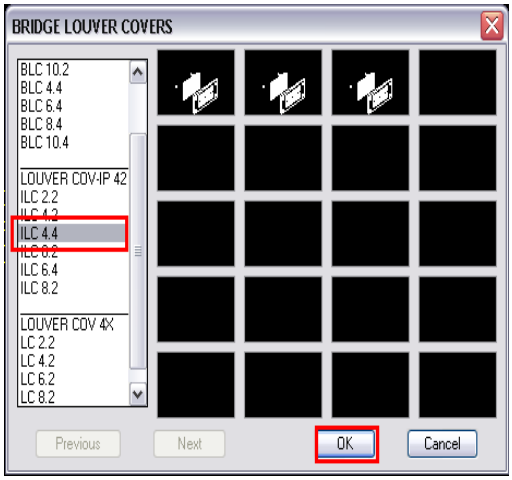
Includes -

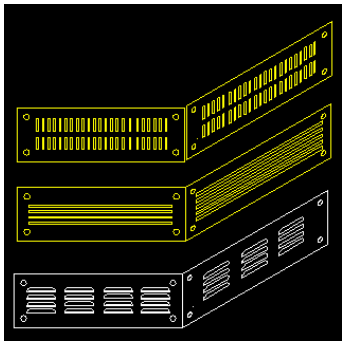
- BRIDGE LOUVRE COVER
- IP 42 LOUVRE COVER **(IPD stock product)**
- IP4X LOUVRE COVER







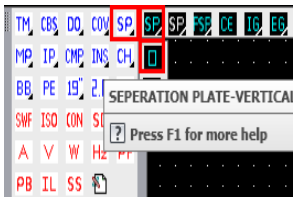


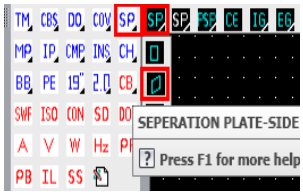


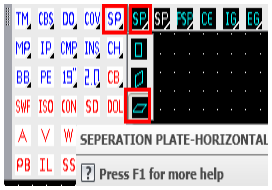
5. SEPARATION PLATES

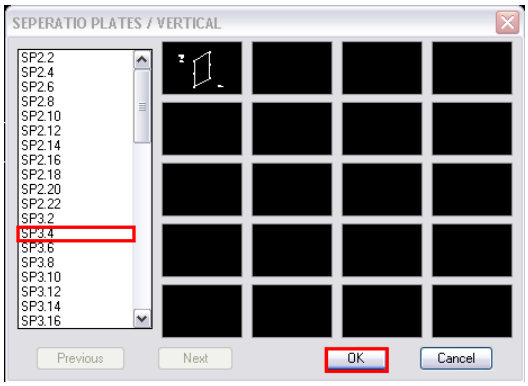
5.1 For SEPARATION PLATES - Select “SP” => “SP” {RAL 9010 (white)}.

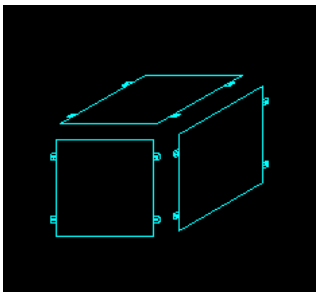
- SEP PLATE - FRONT/BACK
- SEP LATE - SIDE
- SEP PLATE - TOP









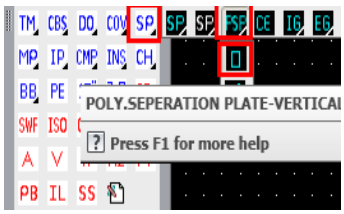


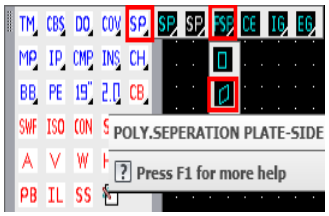
5.2 Alu Zink SEPARATION PLATES – Not Available as a stock line with IPD.

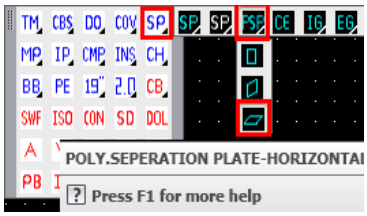
5.3 POLYCARBONATE SEPARATION PLATES - Select “SP” => “PSP”

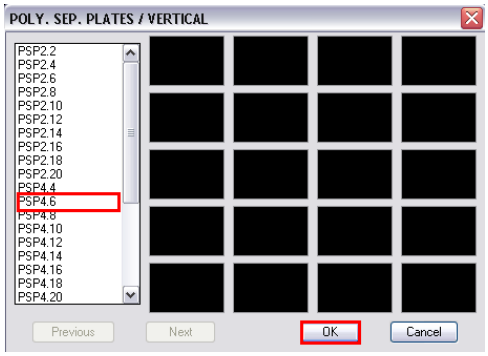
Note – Not all sizes are available ex-stock. Please refer to the price list or contact IPD.

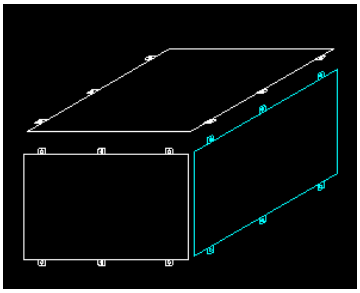
- P/C SEP PLATE - FRONT/BACK
- P/C SEP PLATE - SIDE
- P/C SEP PLATE - TOP







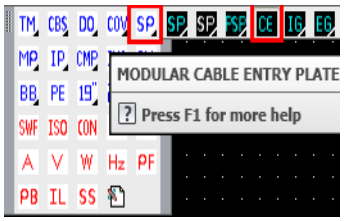


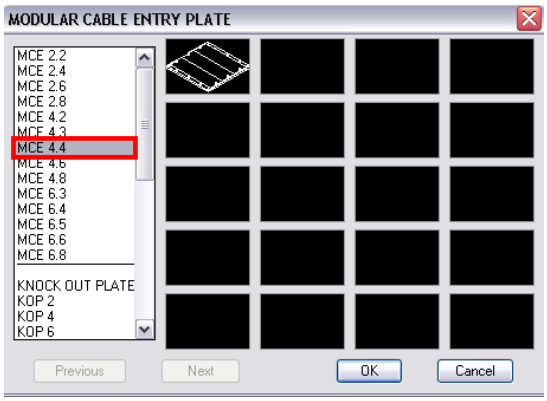


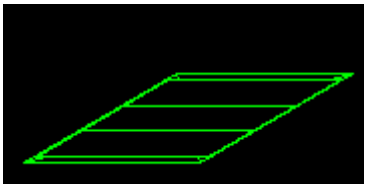
5.4 MODULAR CABLE ENTRY PLATES – Select “SP” => “CE”

Includes -

- MODULAR CABLE ENTRY PLATES
- KNOCK OUT PLATES
- QUICK GLAND PLATES
- ALUMINIUM GLAND PLATES
- CABLE GLAND FRAME
- CABLE GLAND PLATES



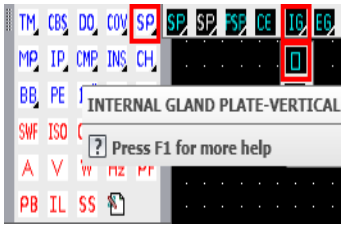


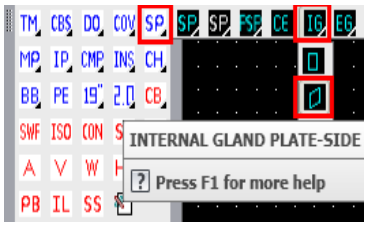


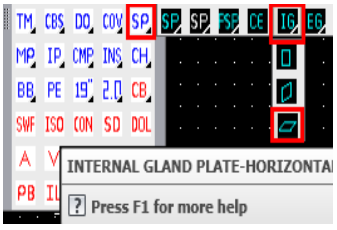
5.5 INTERNAL GLAND PLATES – Select “SP” => “IG”

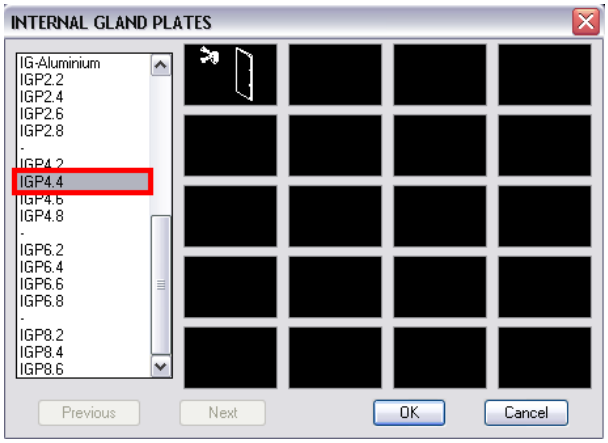
Note – Only Aluminium gland plates are available ex-stock

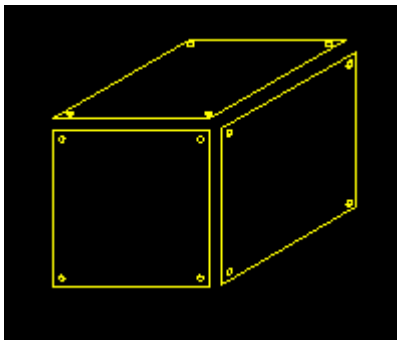
- INTERNAL GLAND PLATES - VERTICL(FRONT/BACK)
- INTERNAL GLAND PLATES - SIDE
- INTERNAL GLAND PLATES - HORIZONTAL (TOP)







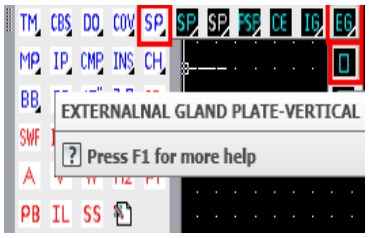


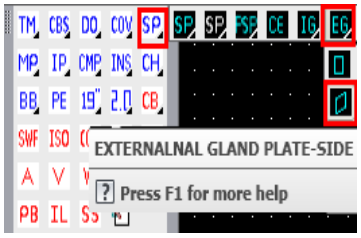


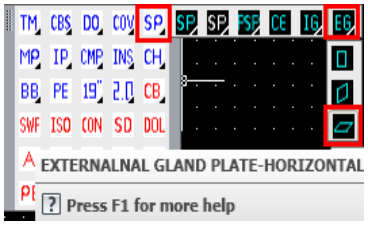
5.6 EXTERNAL GLAND PLATES - Select “SP” => “EG”

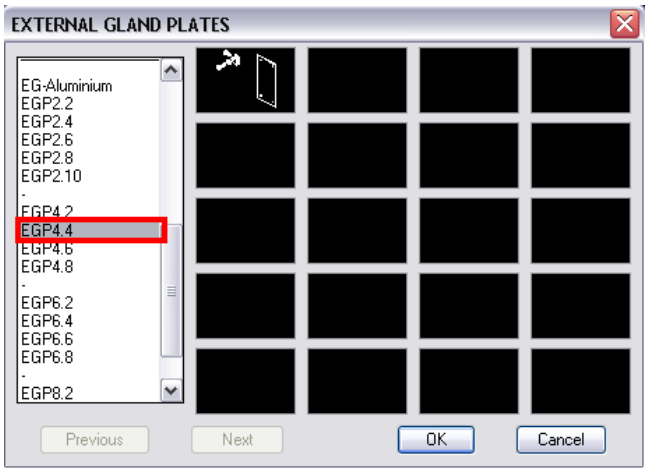
Note – Only Aluminium gland plates are available ex-stock

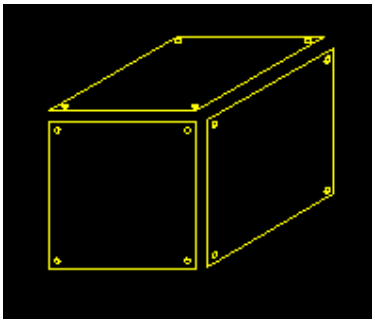
- EXTERNAL GLAND PLATES - VERTICL(FRONT/BACK)
- EXTERNAL GLAND PLATES - SIDE
- EXTERNAL GLAND PLATES - HORIZONTAL (TOP)









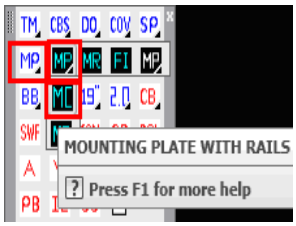


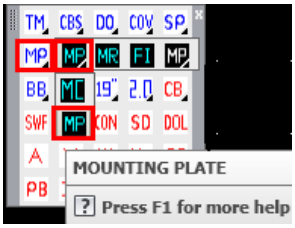
6. MOUNTING PLATE

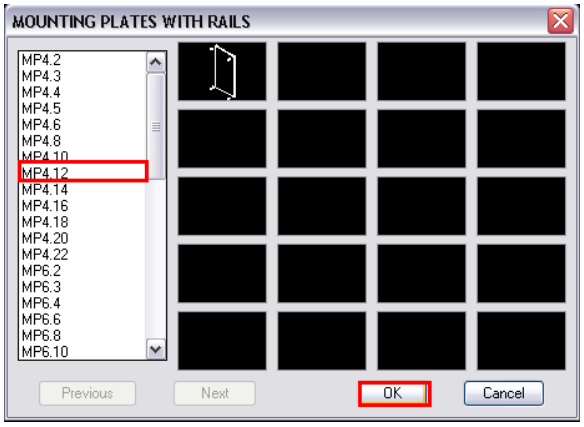
6.1 For MOUNTING PLATES – Select

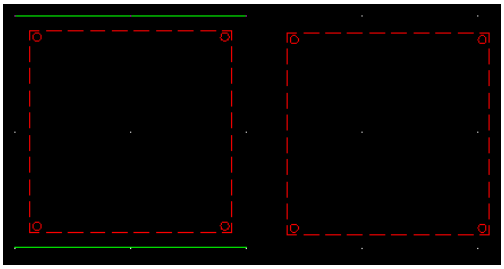
- "MP" => "MP" => "MC" (mounting plate with rail) OR
- "MP" => "MP" => "MP" (mounting plate without rail)

NOTE: IPD stock mounting plates and mounting rails as separate items. Hence, please select the second option.





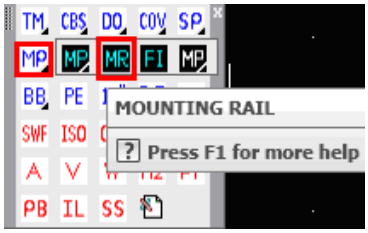


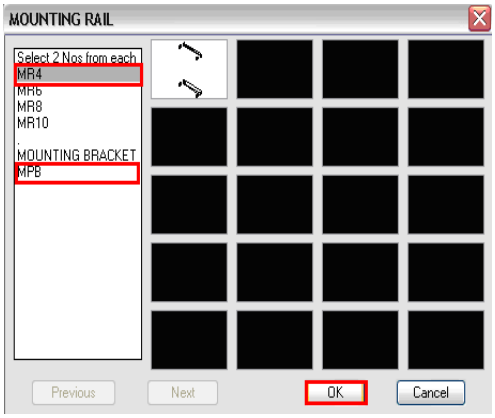


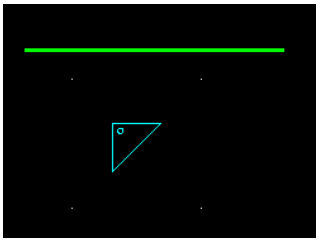
6.2 MOUNTING RAILS - Select "MP" => "MR"

Includes -

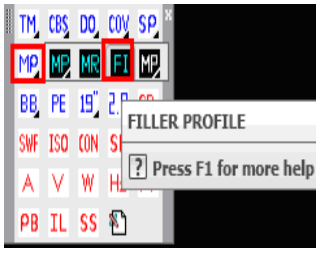
- MOUNTING RAIL
- MOUNTING BRACKET

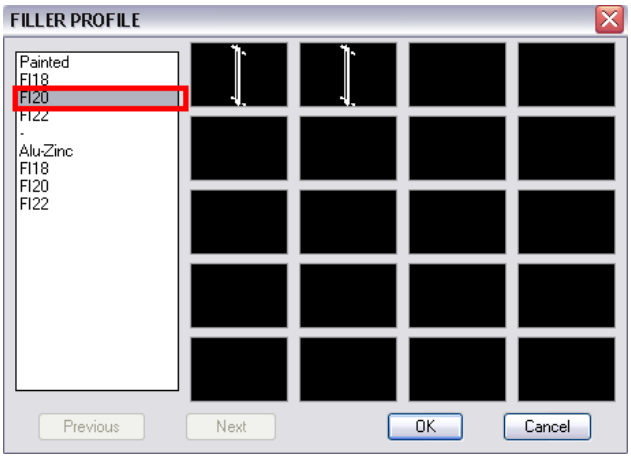


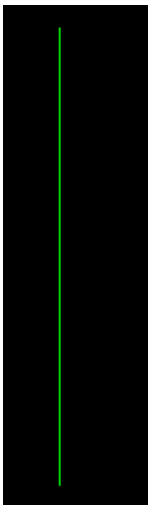




6.3 Mounting Plate FILLER PROFILES – Select “MP” => “FI”





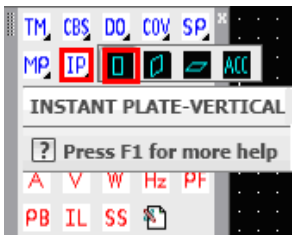


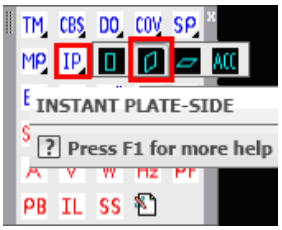
Note - **Al/Zn Mounting plates and mounting plate accessories are not available ex-stock with IPD**

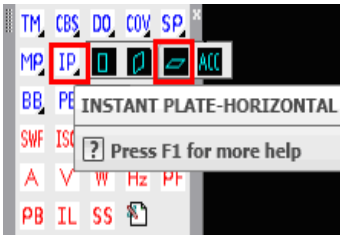
7. INSTANT PLATES

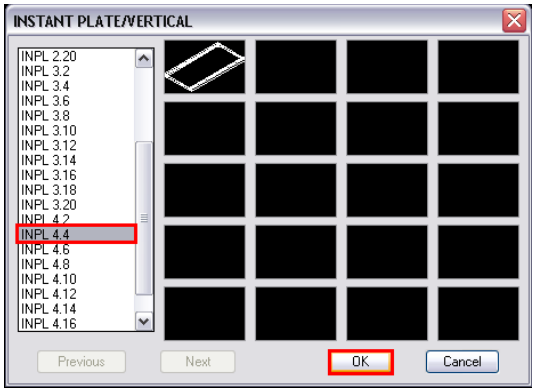
7.1 INSTANT PLATES - Select “IP”

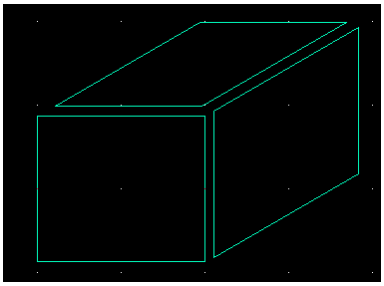
- INSTANT PLATE - FRONT/BACK (Vertical)
- INSTANT PLATE - SIDE
- INSTANT PLATE – TOP/BOTTOM (Horizontal)







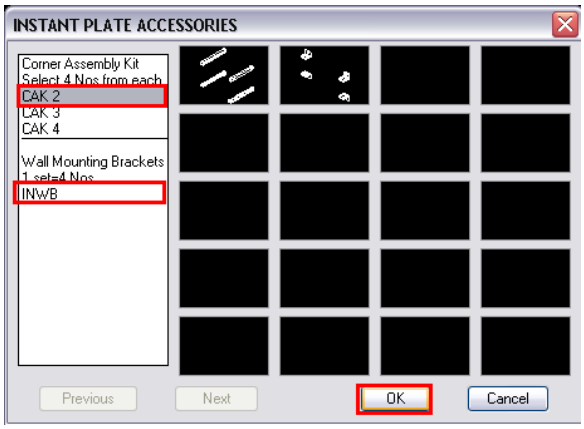


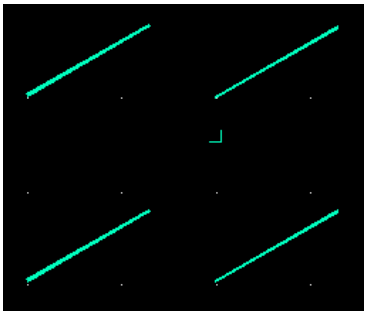


7.2 INSTANT PLATE ACCESSORIES - Select “IP” => “ACC”

Includes -

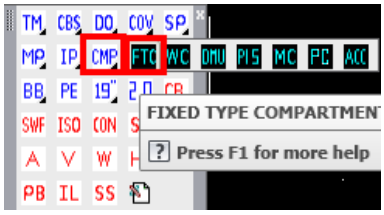
- CORNER ASSEMBLY KITS (made up of CORNER BARS + CORNERS)
- WALL MOUNTING BRACKETS

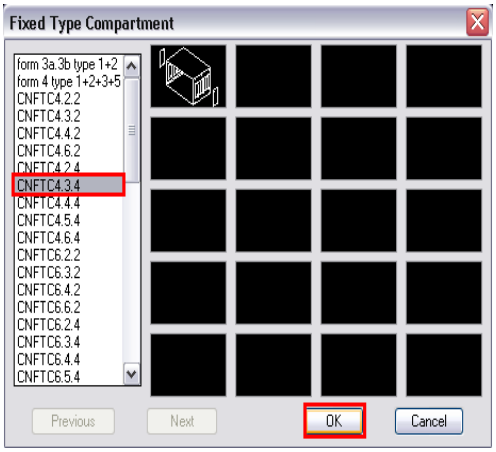


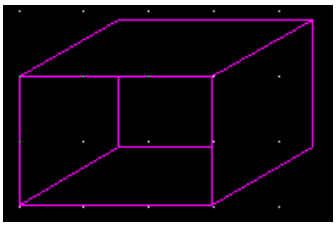


8. COMPARTMENTS

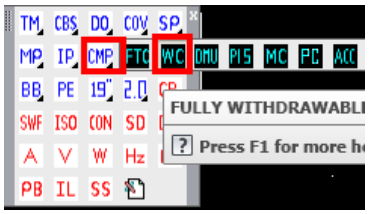
8.1 FIXED TYPE COMPARTMENTS – Select “CMP” => “FTC”

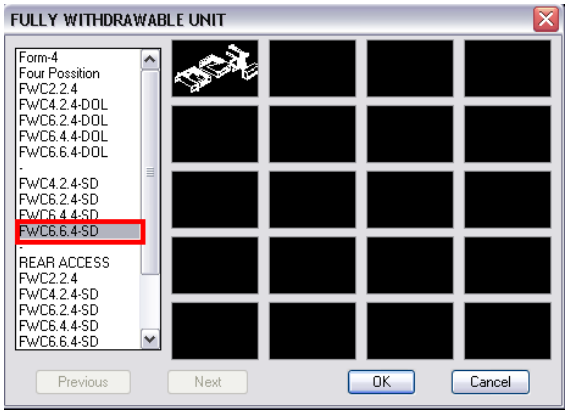

TM CBS DO COV SP
MP IP CMP FTC WC DMU PIS MC PC ACC
BB PE 19" 2.D CB
SWF ISO CON S
A V W H
PB IL SS
FIXED TYPE COMPARTMEN
Press F1 for more help

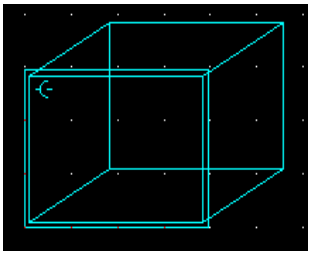




8.2 FULLY WITHDRAWABLE COMPARTMENTS - Select “CMP” => “FWC”


TM CBS DO COV SP
MP IP CMP FTC WC DMU PIS MC PC ACC
BB PE 19" 2.D CB
SWF ISO CON SD
A V W Hz
PB IL SS
FULLY WITHDRAWABLI
Press F1 for more h



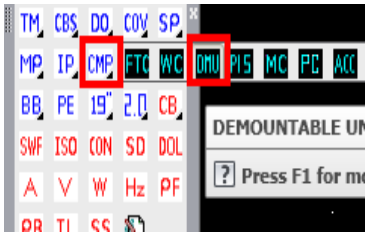


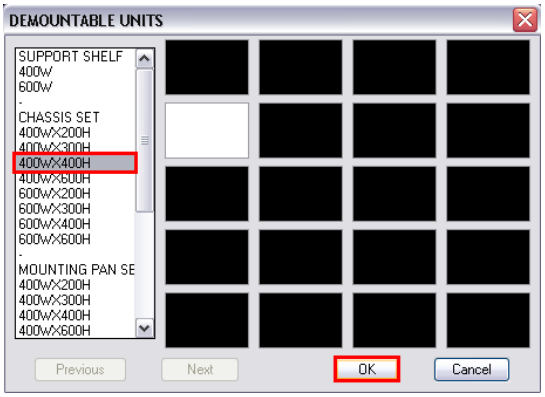
8.3 DEMOUNTABLE COMPARTMENTS – Select “CMP” => “DMU”

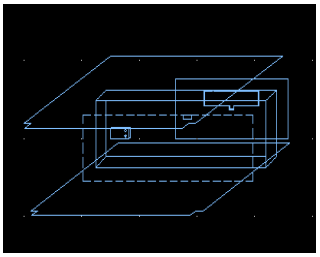
Includes -

- SUPPORT SHELVES
- CHASSIS
- MOUNTING PLATES
- MOUNTING CHANNELS
- HINGE PACKER SET
- POLY BARRIER
- EARTH BLADE KIT

Note – The Kentan plugs and busbar holders are not included in ELCAD. These need to be ordered separately.







8.4 PLUG IN SYSTEM - This item is not available ex-stock with IPD

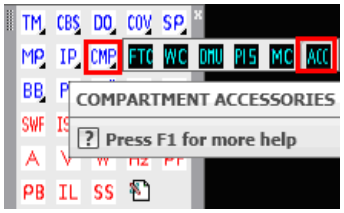
8.5 METER COMPARTMENT - This item is not available ex-stock with IPD

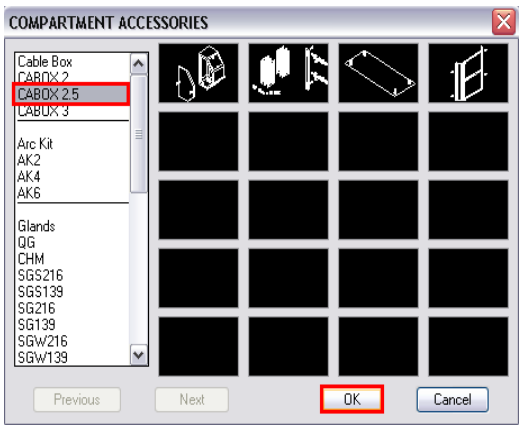
8.6 POWER CASSET-This is not available ex-stock with IPD yet

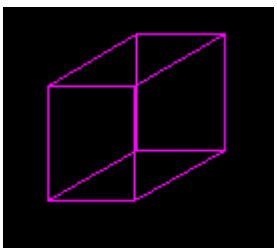
8.7 COMPARTMENT ACCESSORIES – Select “CMP” => “ACC”

Includes -

- CABLE BOX
- ARC KIT
- FORM2 COVER
- FORM2 SEP PLATES
- RUBBER GROMMET (RG)
- QUICK GLAND
- CHIMNEY
- DIFFERENT GLANDS FOR CABLE BOXES
- ARC FILTERS
- COMPARTMENT RAILS







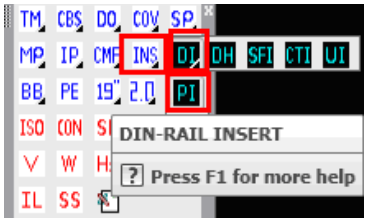
9. INSERTS

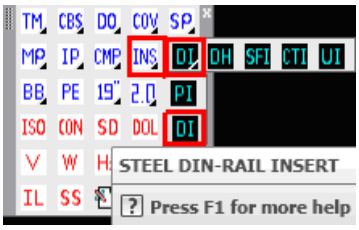
9.1 PLASTIC DIN INSERTS – This item is not available ex-stock with IPD

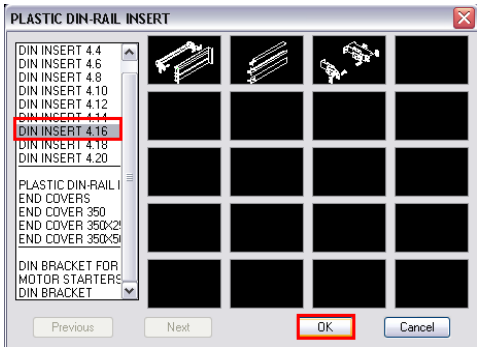
9.2 STEEL DIN INSERTS – Select “INS” => “DI” => “DI”

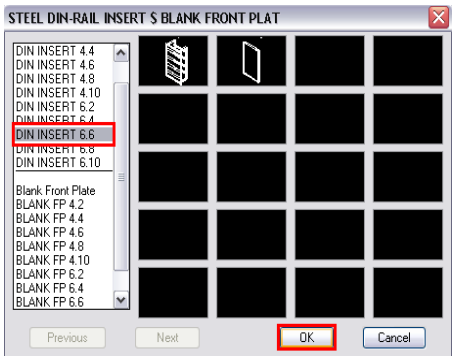
Includes -

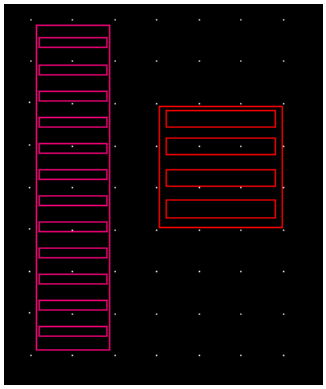
- STEEL DIN INSERTS
- BLANK FRONT PLATES





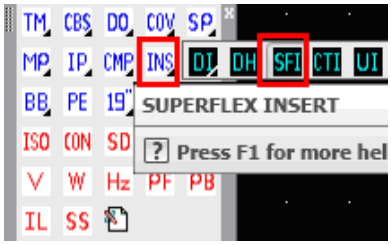


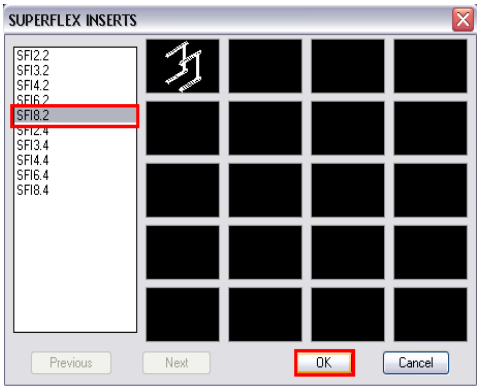


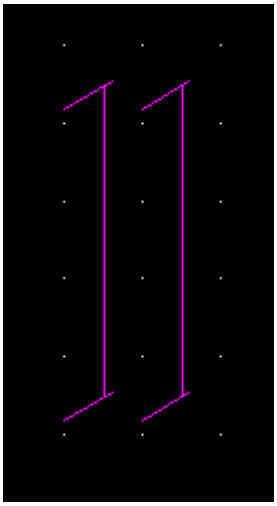


9.3 DIN RAIL HOLDER FOR MOTOR STARTERS - This item is not available ex-stock with IPD

9.4 SUPERFLEX INSERTS - Select “INS” => “SFI”



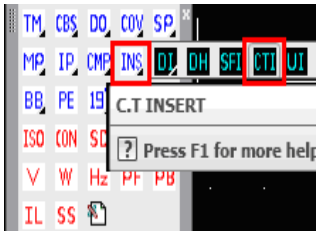


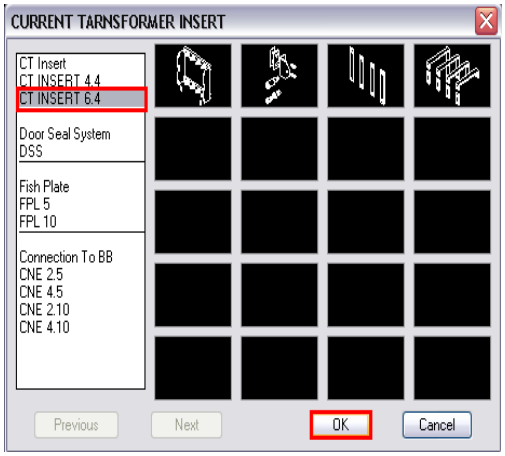


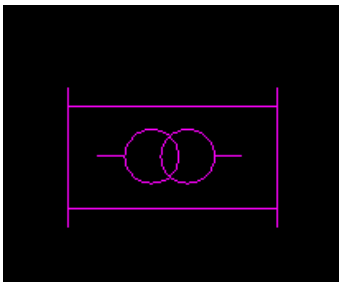
9.5 CT INSERTS - Select “INS” => “CTI”

Includes -

- DOOR SEAL SYSTEM
- FISH PLATES
- CTI CONNECTION TO BUS BAR







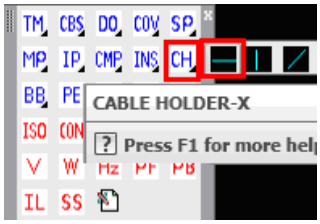
9.6 UNIVERSAL INSERTS -This item is not available ex-stock with IPD

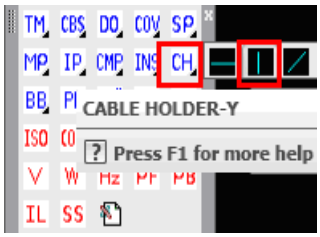
10. CABLE HOLDERS.

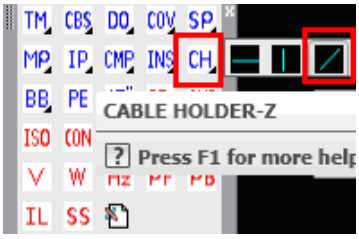
10.1 CABLE HOLDERS – Select “CH”

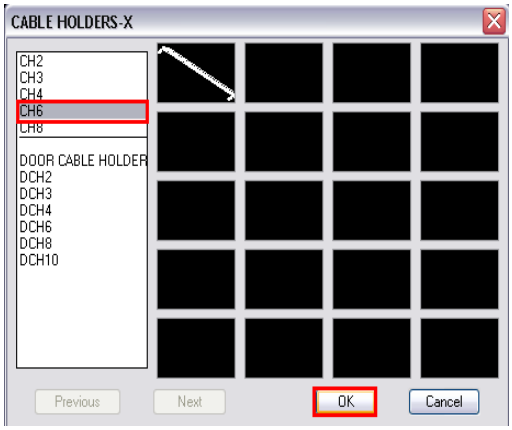
Includes -

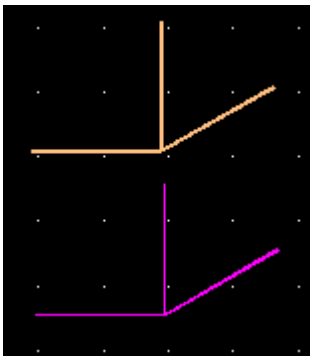
- CABLE HOLDERS
- DOOR CABLE HOLDER









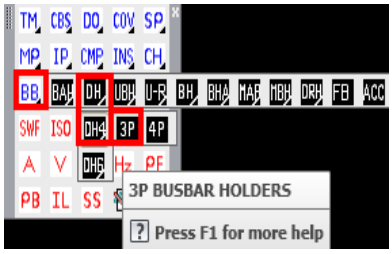


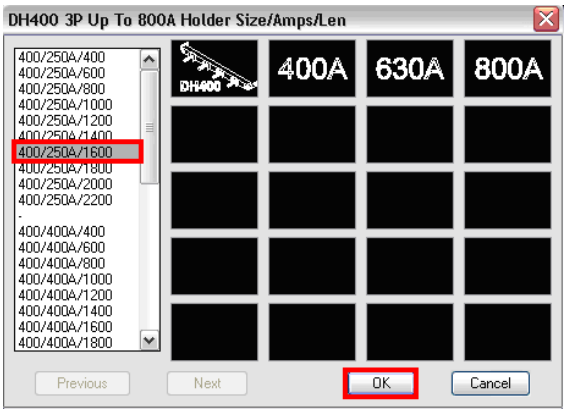
13. BUS BAR HOLDERS.

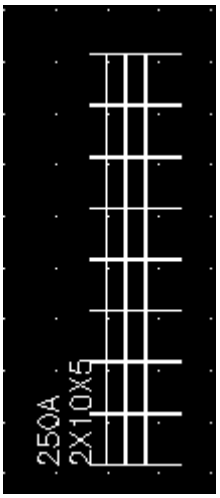
11.1 BAH-(up to 250A) –These are not available ex-stock with IPD

11.2 DH Holders (up to 800A)

- For DH 400 **Select "BB=>DH=>DH4"**.
- For DH 600 **Select "BB=>DH=>DH6".**

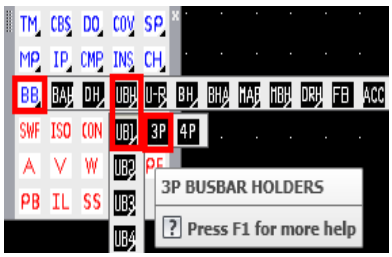

TM CBS DO COV SP
MP IP CMP INS CH
BB BAR DH UBH U-R BH BHA MAB MBH DRH FB ACC
SWF ISO DH4 3P 4P
A V DH6 Hz PF
PB IL SS
3P BUSBAR HOLDERS
Press F1 for more help

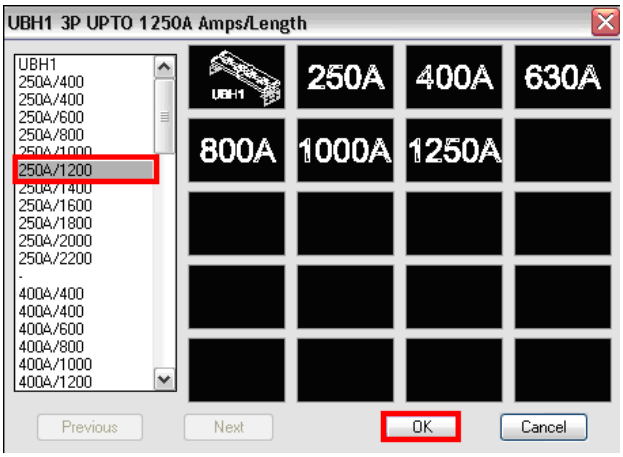


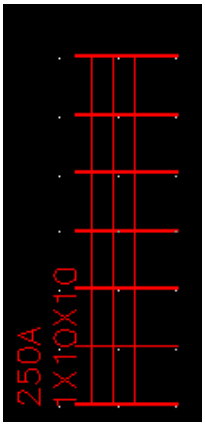


11.3 UNIVERSAL BUS BAR HOLDERS (up to 2500A)

- For UBH1 - **Select "BB=>UBH=>UBH1"**
- For UBH2 (190mm support rail) **Select "BB=>UBH=>UB2"**
- For UBH3 (390mm support rail) **Select "BB=>UBH=>UB3"**
- For UBH4 (390mm support rail horizontal application) **Select "BB=>UBH=>UB4"**
- Note that clamping screws are automatically added with bus bar holders for sizes over 1250A. The number of supports selected is based on the required distance between supports for various sizes as listed in the updated section 2 of the Constructors Manual.


TM CBS DO COV SP
MP IP CMP INS CH
BB BAR DH UBH U-R BH BHA MAB MBH DRH FB ACC
SWF ISO CON UB1 3P 4P
A V W UB2 PF
PB IL SS UB3
UB4
3P BUSBAR HOLDERS
Press F1 for more help

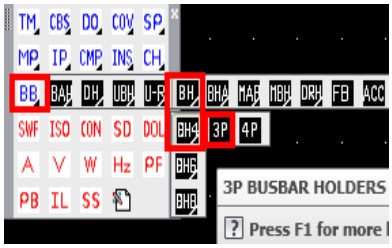


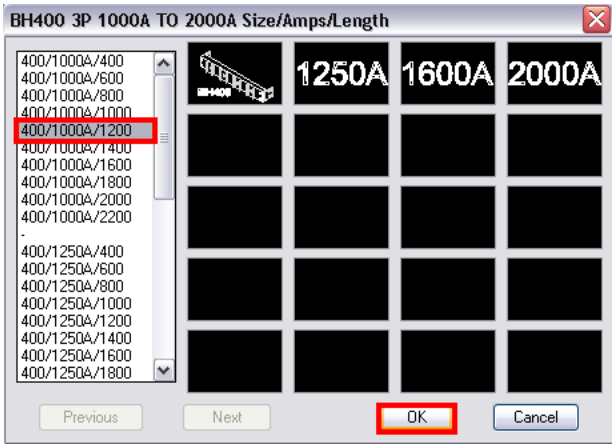


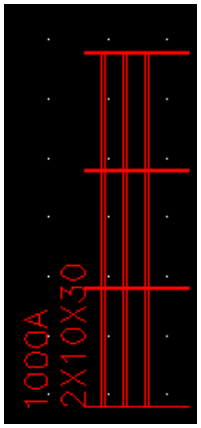
11.4 Universal Bus Bar Holder for Removable units (UBHR) is not currently available for our market.

11.5 BH Holders (up to 2000A)

- For BH 400 **Select "BB=>BH=>BH4"**
- For BH 600 **Select "BB=>BH=>BH6"**
- For BH 800 **Select "BB=>BH=>BH8"**

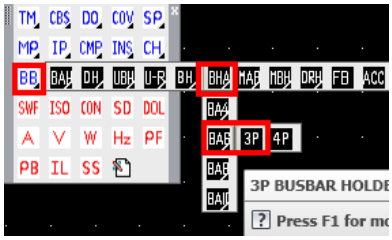

TM CBS DO COV SP
MP IP CMP INS CH
BB BA DH UBH U-R BH BHA MAB MBH DRH FB ACC
SWF ISO CON SD DOL BH4 3P 4P
A V W Hz PF BH6
PB IL SS BH8
3P BUSBAR HOLDERS
Press F1 for more

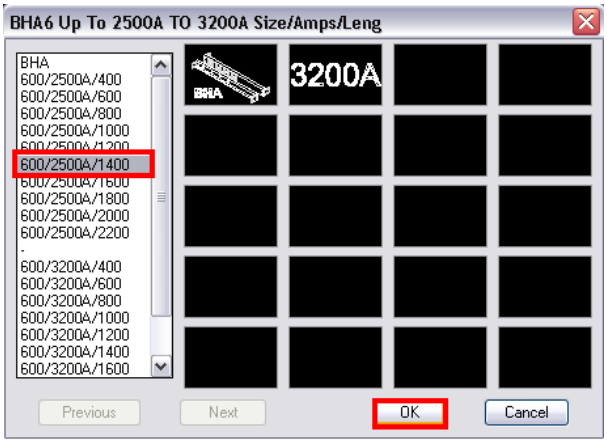


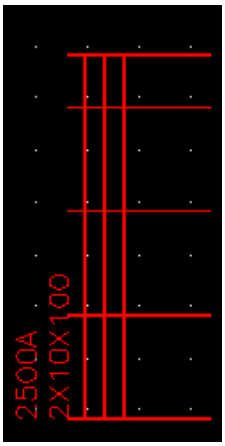


11.6 BHA Holders (2500A,3200A,4000A,5000A)

- For BHA400 **Select "BB=>BHA=>BA4"**
- For BHA600 **Select "BB=>BHA=>BA6"**
- For BHA800 **Select "BB=>BHA=>BA8"**
- For BHA1000 **Select "BB=>BHA=>BA10"**

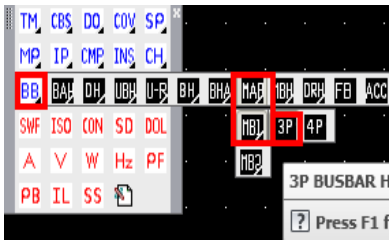

TM CBS DO COV SP
MP IP CMP INS CH
BB BA DH UBH U-R BH BHA MAB MBH DRH FB ACC
SWF ISO CON SD DOL BA4
A V W Hz PF BA6 3P 4P
PB IL SS BA8
BA10
3P BUSBAR HOLDE
Press F1 for mo

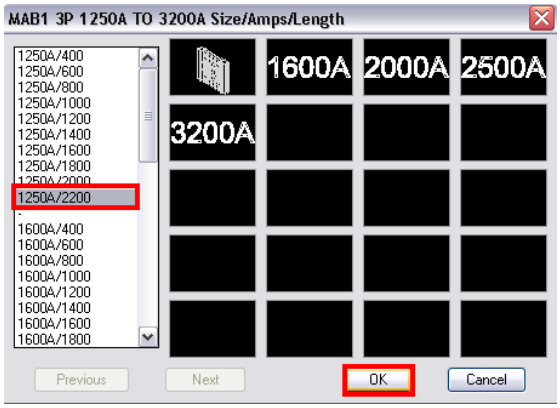


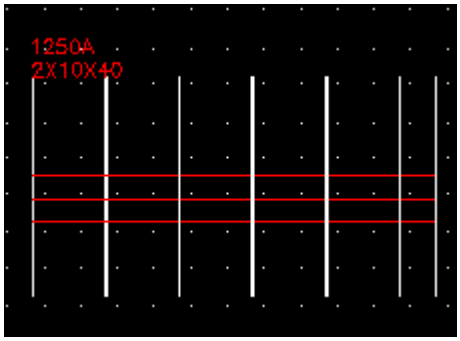


11.7 MAB Holders (up to 3200A,5000A)

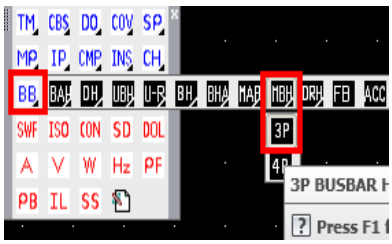
- For MAB1 **Select "BB=>MAB=>MB1"**
- For MAB2 **Select "BB=>MAB=>MB2"**

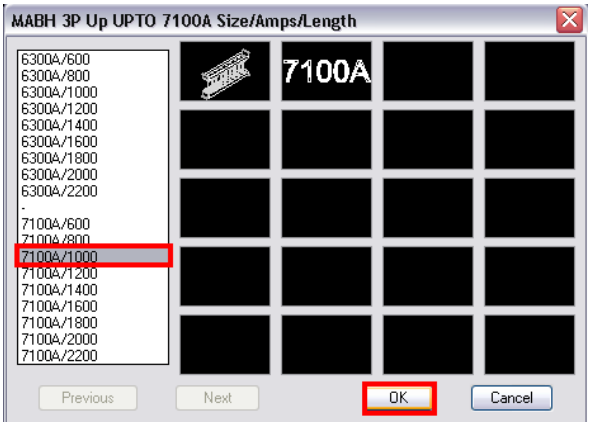

TM CBS DO COV SP
MP IP CMP INS CH
BB BAR DH UBH U-R BH BHA MAB MBH DRH FB ACC
SWF ISO CON SD DOL
MB1 3P 4P
A V W Hz PF
MB2
PB IL SS
3P BUSBAR H
Press F1 f

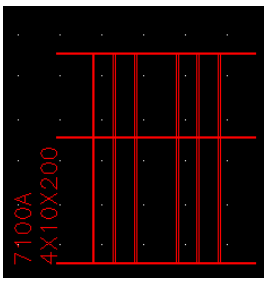




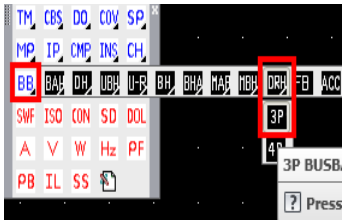
11.8 MABH (7100A) Select "BB=>MBH"

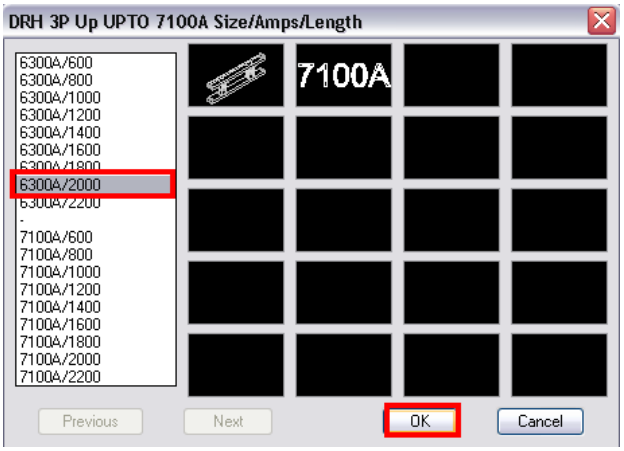

TM CBS DO COV SP
MP IP CMP INS CH
BB BAR DH UBH U-R BH BHA MAB MBH DRH FB ACC
SWF ISO CON SD DOL
3P
4P
A V W Hz PF
PB IL SS
3P BUSBAR H
Press F1 f

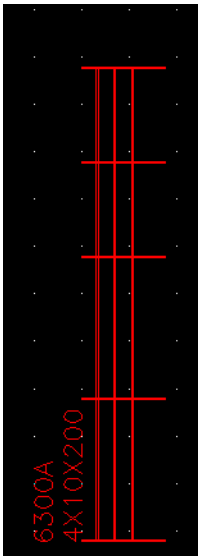




11.9 DRH (7100A) Select “BB=>DRH”

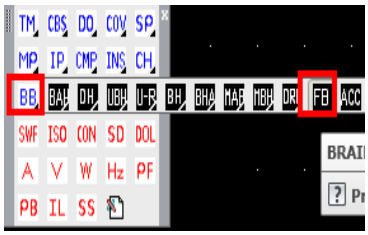


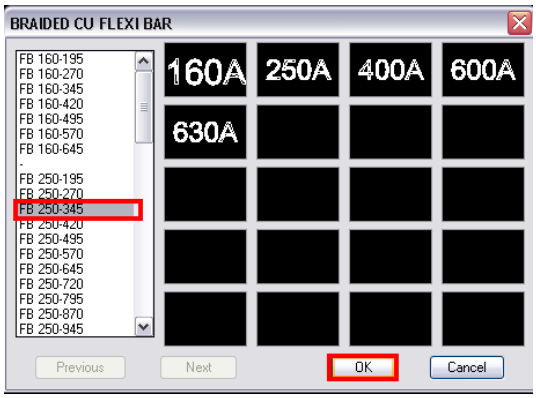




11.10 BRAIDED CU FLEXI BAR Select “BB=>FB”

Note – Flexibars will be available with IPD from May 2009

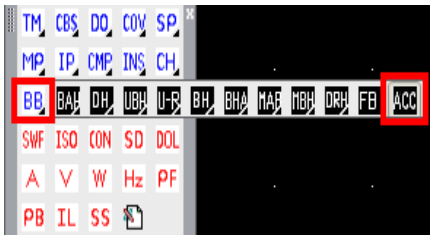


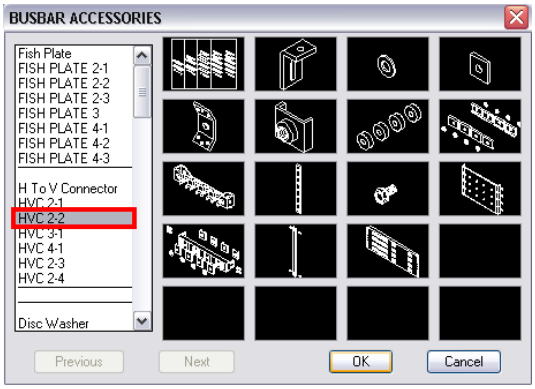


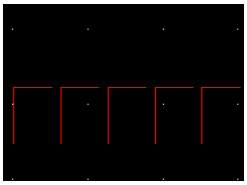
11.10 BUS BAR ACCESSORIES - Select “BB=>ACC”

Includes-

- FISH PLATE
- HORIZONTAL TO VERTICAL CONNECTOR
- TAP OFF SET
- DISC WASHER
- TAP OFF BRACKET
- BUS BAR NUT
- COPPER SPACER
- BUS BAR CONNECTOR
- S.S.PLATE
- CLAMPING SCREW
- TERMINAL SCREW
- COVER FORM2
- FIBRE PROFILE
- S.L.SEPARATION PLATE
- BUS BAR NUT





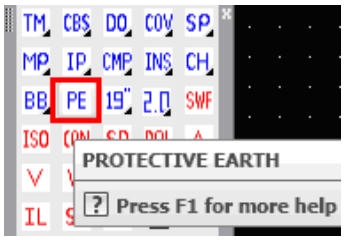


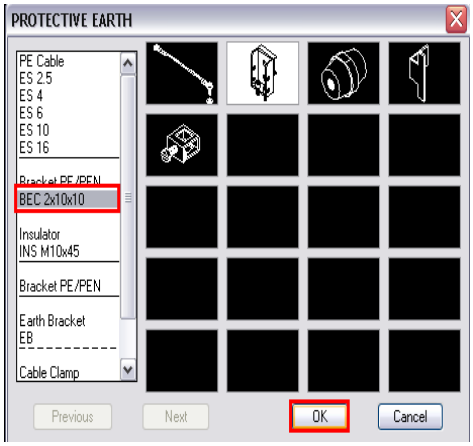
12. PROTECTIVE EARTH (PE).

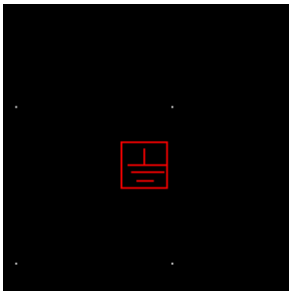
12.1 PROTECTIVE EARTH - Select “PE”

Includes -

- PE CABLE
- BRACKET PE/PEN (BEC 2X10X10)
- INSUATOR(INS M10X45)
- EARTH BRACKET
- CABLE CLAMP



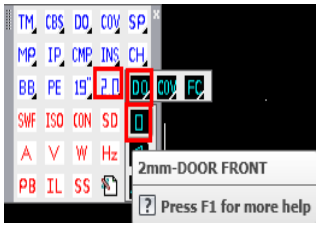


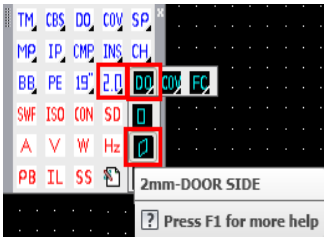


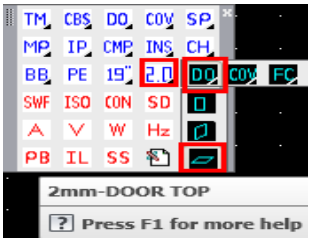
13. 2mm DOORS, COVERS AND FLAT COVERS

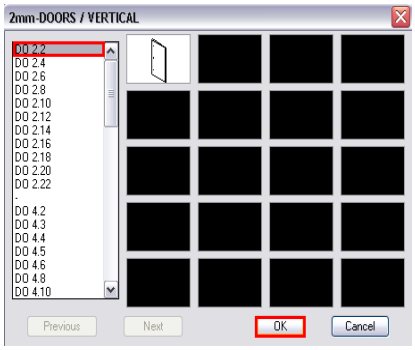
13.1. 2mm DOORS - Select “2.0” => “DO”.

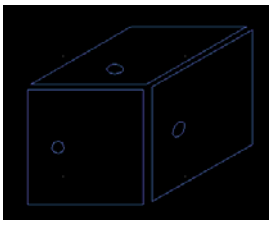
- 2mm DOOR - FRONT
- 2mm DOOR - SIDE
- 2mm DOOR - TOP





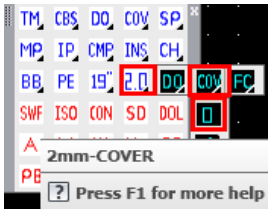


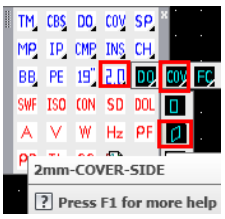


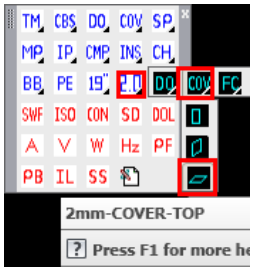


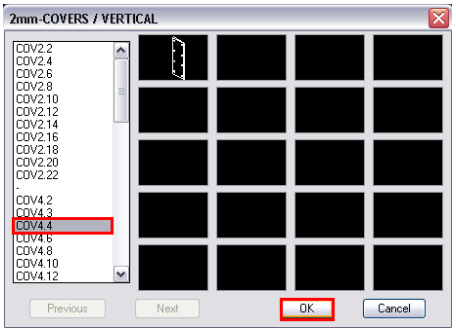
13.2. 2mm COVERS - Select “2.0” => “COV”

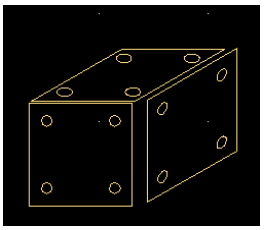
- 2mm COVER - FRONT/BACK
- 2mm COVER - SIDE
- 2mm COVER - TOP





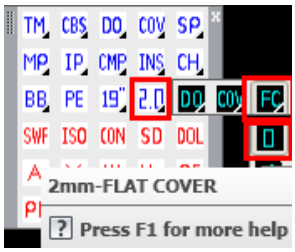


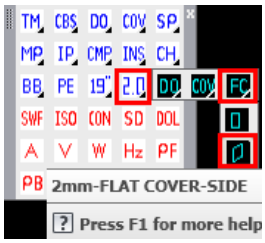


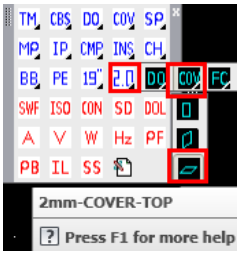


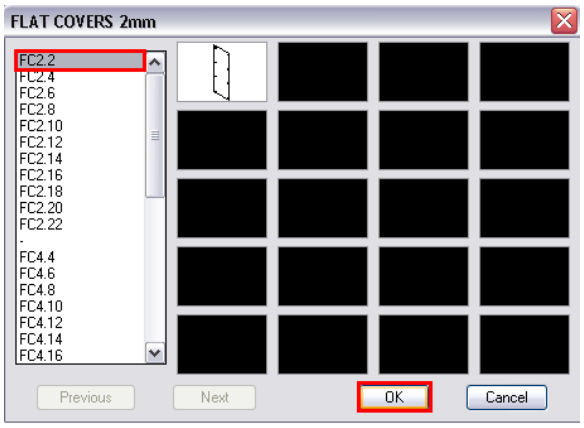
13.3. 2mm FLAT COVERS – Select “2.0” => “FC”

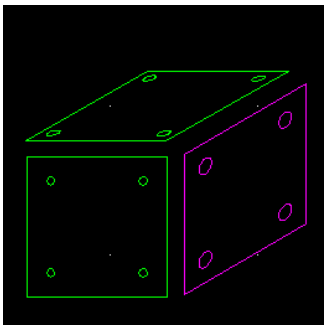
- 2mm FLAT COVER - FRONT/BACK
- 2mm FLAT COVER - SIDE
- 2mm FLAT COVER - TOP





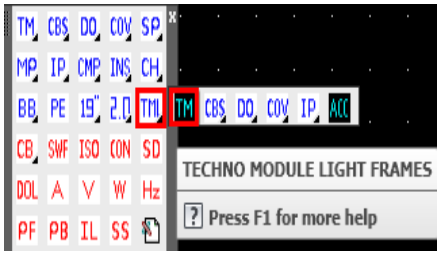


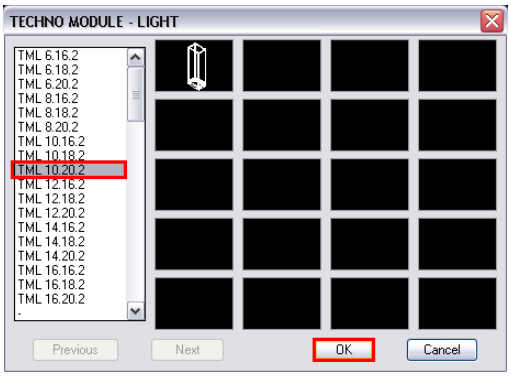


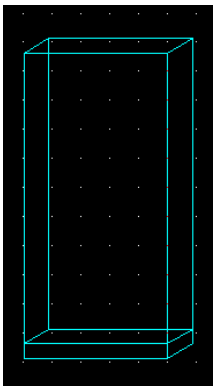


14. Elsteel Modular LIGHT

14.1 Elsteel Modular LIGHT FRAME -Select “TML” => “TM”

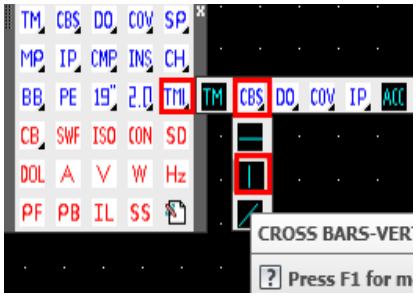


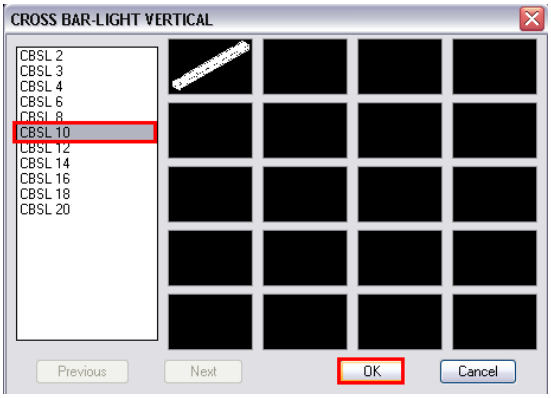


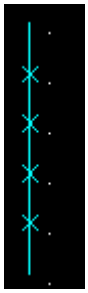


14.2 CROSS BAR LIGHT – Select “TML” => “CBS”

- HORIZONTAL CROSS BARS
- VERTICAL CROSS BARS
- SIDE CROSS BARS



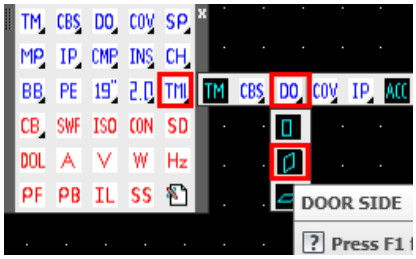


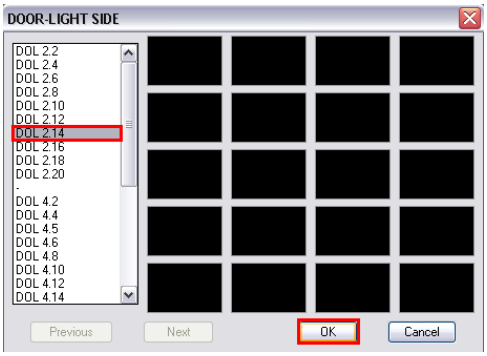


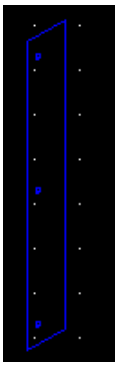
Note: Horizontal / x axis - cross bars for width.
Vertical / y axis - cross bars for height
Side / z axis - cross bars for depth (available up to 600D only)

14.3 DOOR LIGHT- Select “TML”=>”DO”

- DOOR FRONT/BACK
- DOOR SIDE
- DOOR TOP

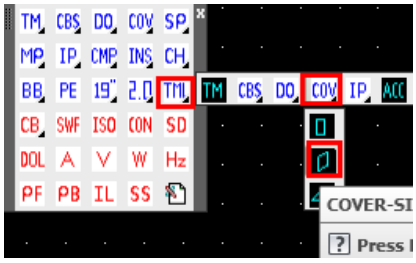


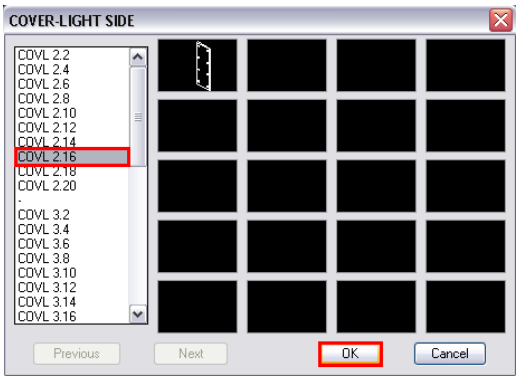


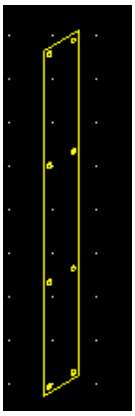


14.4 COVER LIGHT- Select “TML”=>”COV”

- COVER FRONT/BACK
- COVER SIDE
- COVER TOP

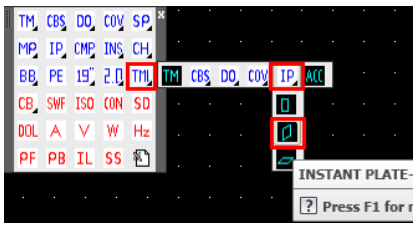


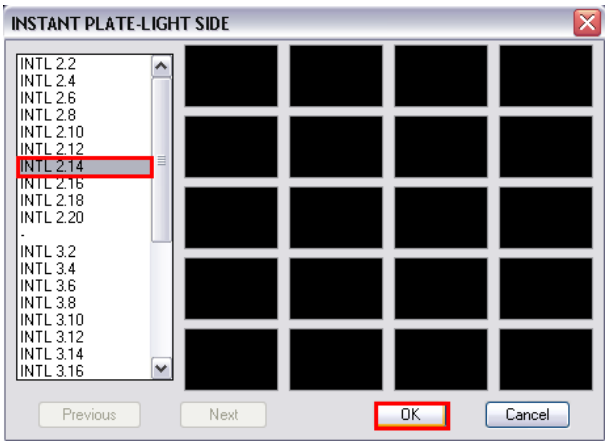


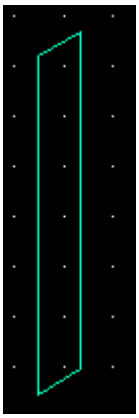


14.5 INSTANT PLATE LIGHT

- INSTANT PLATE FRONT/BACK
- INSTANT PLATE SIDE
- INSTANT PLATE TOP


TM CBS DO COV SP
MP IP CMP INS CH
BB PE 19" 2.0 TML
CB SWF ISO CON SD
DOL A V W Hz
PF PB IL SS
TM CBS DO COV IP ACC
INSTANT PLATE-
Press F1 for

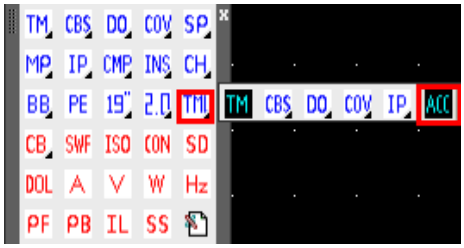


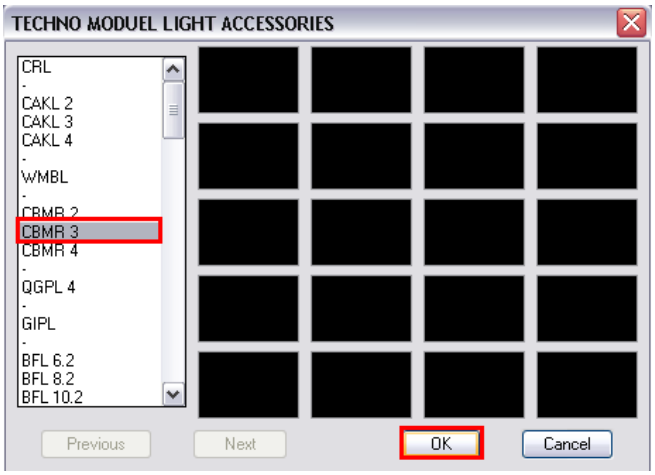


14.6 Elsteel Modular LIGHT ACCESSORIES

Includes

- CORNER LIGHT
- CORNER ASSEMBLY KIT (LIGHT)
- WALL MOUNTING BRACKET LIGHT
- CROSS BAR MOUNTING RAIL
- GLAND PLATE LIGHT
- QUICK GLAND PLATE FOR INSTANT PLATE
- INSTANT PLATE WITH GLAND
- BASE FRAME LIGHT

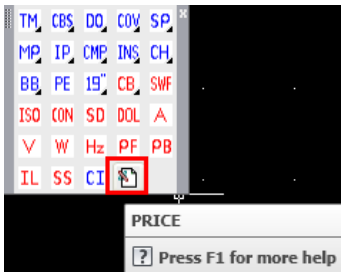


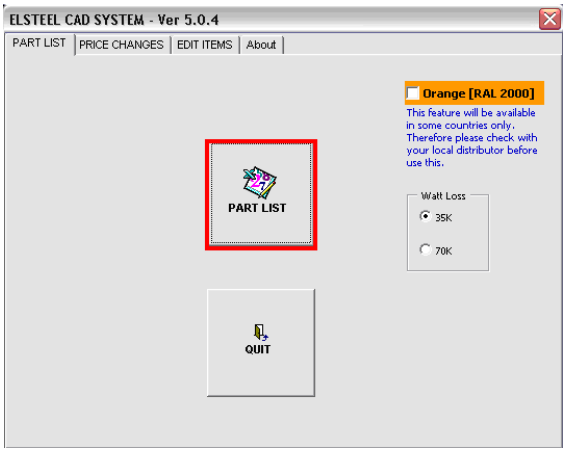


15. TO GENERATE THE BILL OF MATERIAL (PARTS LIST)

15.1 To generate the BOM – Select “PRICE”. (For ORANGE items tick the Orange box)

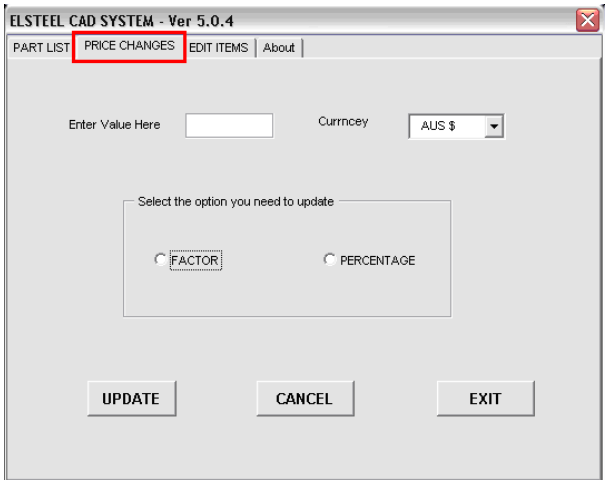
Click on “PART LIST”





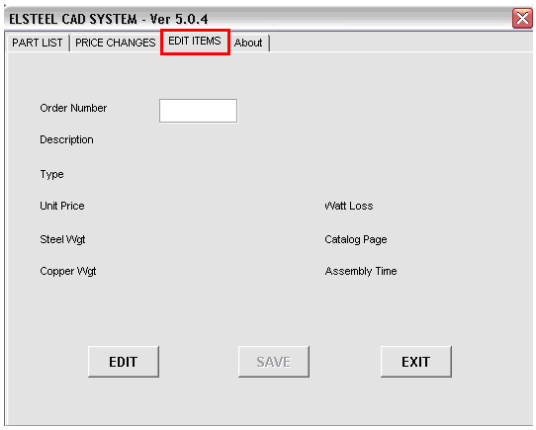
15.2 To CHANGE PRICES - Select “PRICE” => “PRICE CHANGES”

- Select Factor / Percentage option
- Enter value and then press Update (once)
- Select OK
- Exit Price Changes Window & AutoCAD
- Load Excel
- Open C:\ELSTEEL\ELSTEEL.XLS to see the Excel workbook
- Press "CLICK HERE FOR UPDATE PRICE" button
- Exit Excel



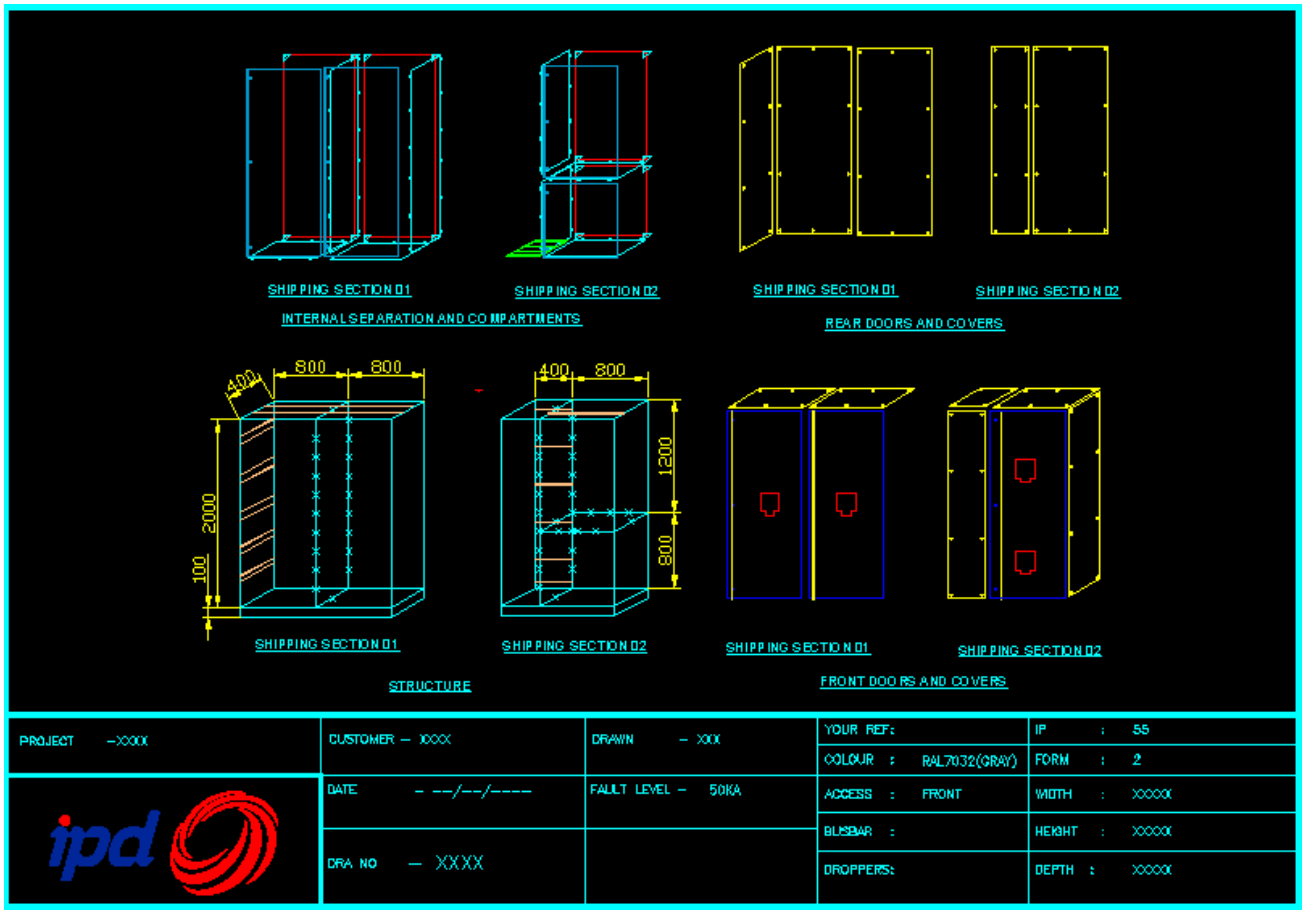
15.3 To EDIT the items – Select ““PRICE” => “EDIT ITEMS”

- Enter ORDER NUMBER and click EDIT
- After editing, click SAVE
- Select PART LIST page
- Click the PART LIST button to bring up the Excel workbook
- Press "CLICK HERE FOR UPDATE PRICE" button
- Exit Excel and AutoCAD

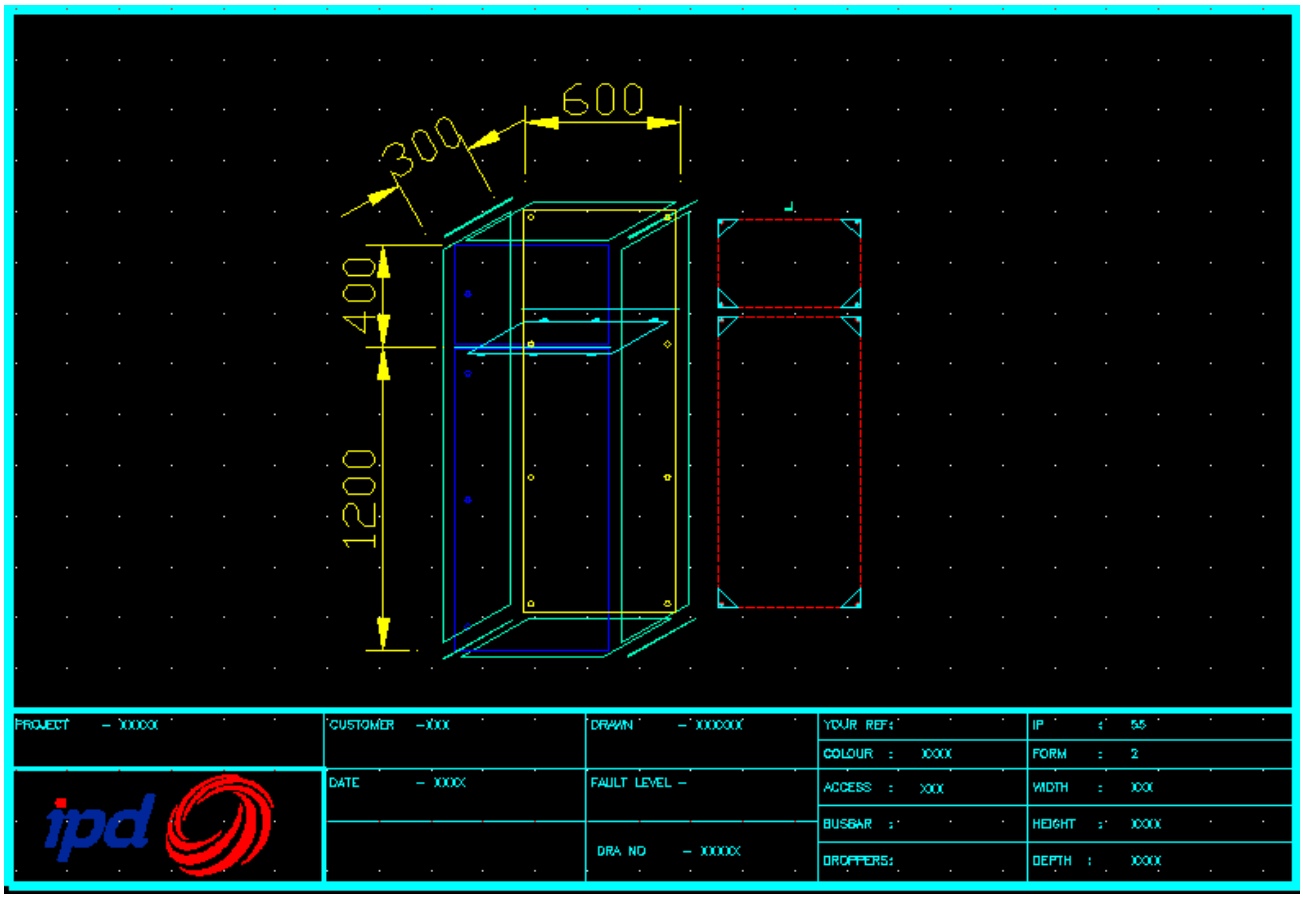


16. SAMPLE PROJECTS

I



II


600
300
400
1200
PROJECT – XXXXX
CUSTOMER –XXX
DRAWN – XXXXXX
YOUR REF:
COLOUR : XXXX
IP : 55
FORM : 2
DATE – XXXX
FAULT LEVEL –
ACCESS : XXX
WIDTH : XXX
BUSBAR :
HEIGHT : XXXX
DRA NO – XXXXX
DROPPERS:
DEPTH : XXXX

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CONTROL TECHNIQUES
MODULAR ELSTEEL ENCLOSURES
GE
ORBIS
C&S Controls & Switchgear
RED SPOT
ELKO ep
Plymouth BISHOP
LS
JEAN MÜLLER the name for safety
SAFECLIP
connectwell
HENSEL
GEC
Fandis colors of engineering
Ferraz Shawmut
IDEC
WT HENLEY
P.J.White & Co. Lighting Specialists
socomec Innovative Power Solutions
ELLIS PATENTS
NDLight

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